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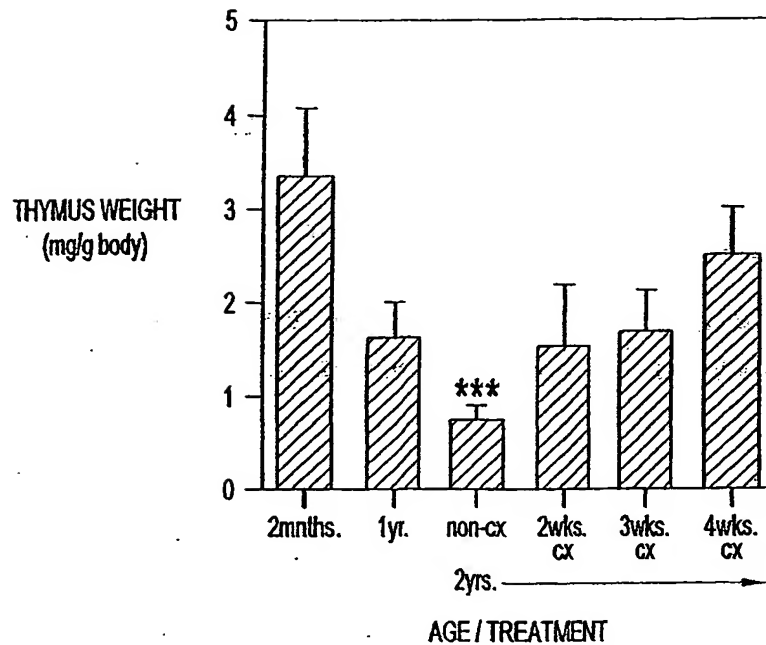
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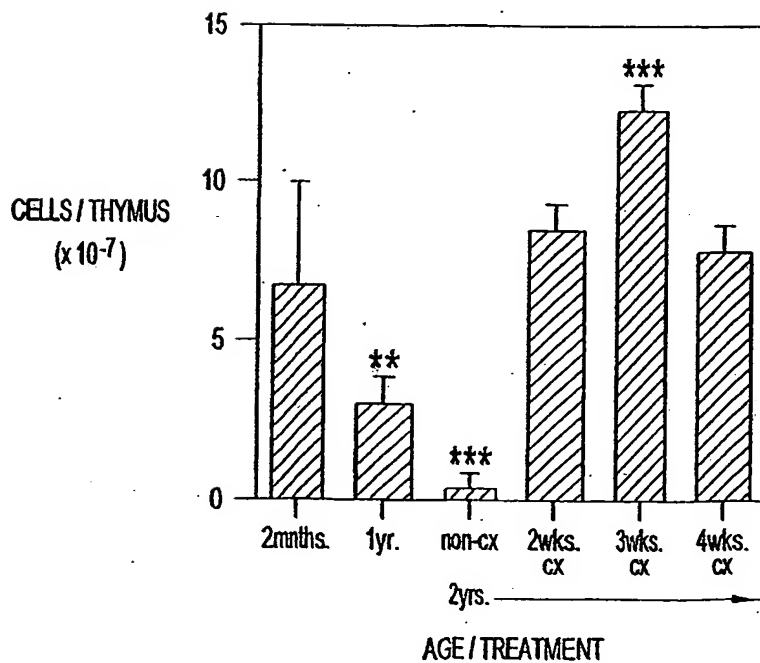
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**Figure 1A**



**Figure 1B**

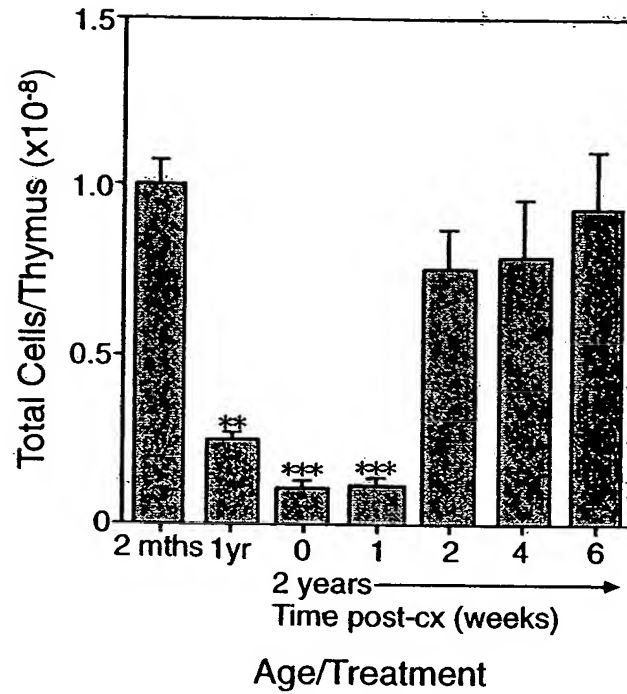
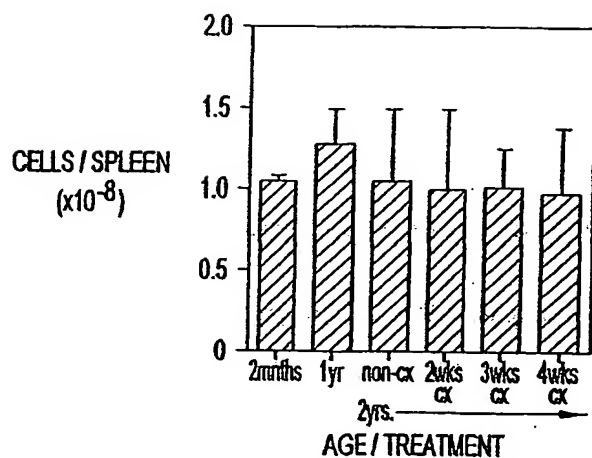
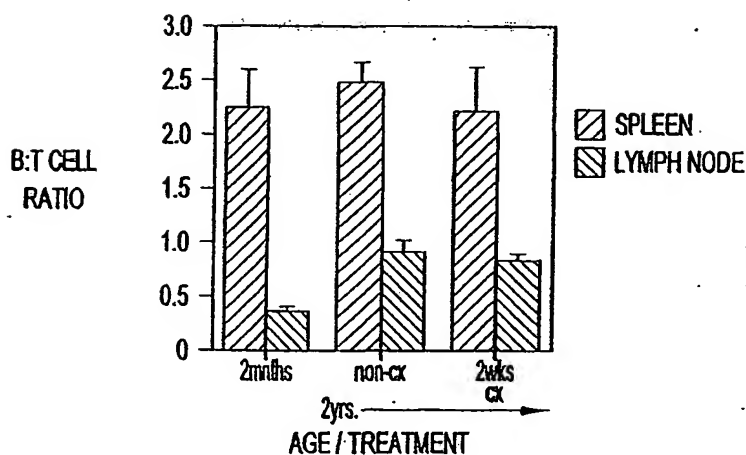


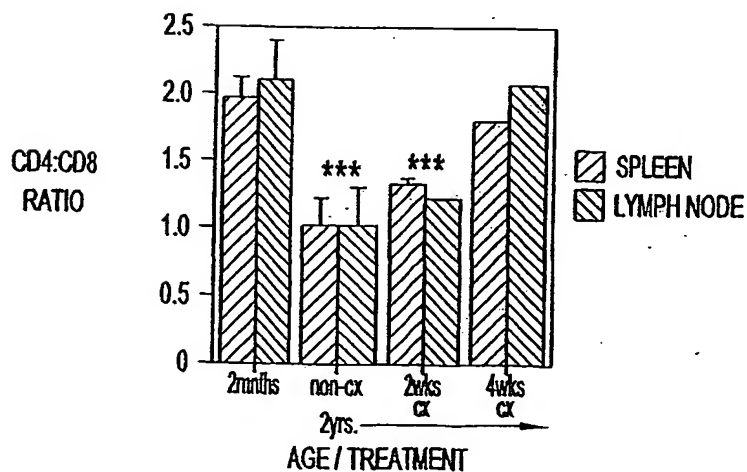
FIGURE 1 c



**Figure 2A**



**Figure 2c**



**Figure 2E**

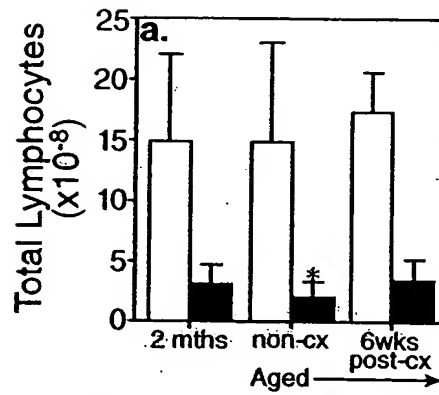


Figure 2B

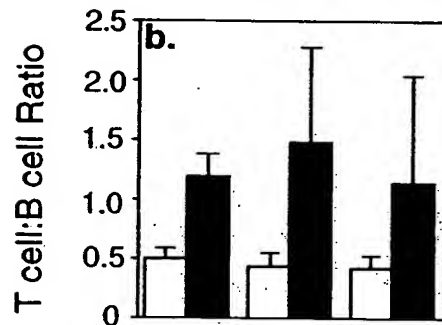


Figure 2D

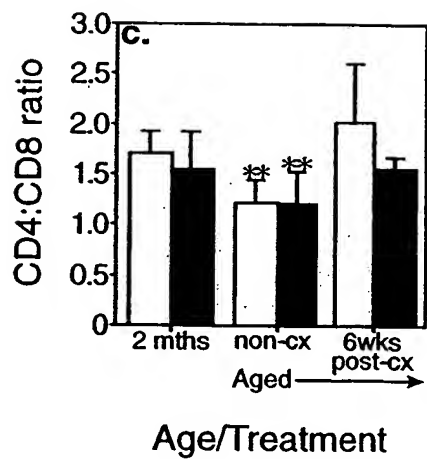
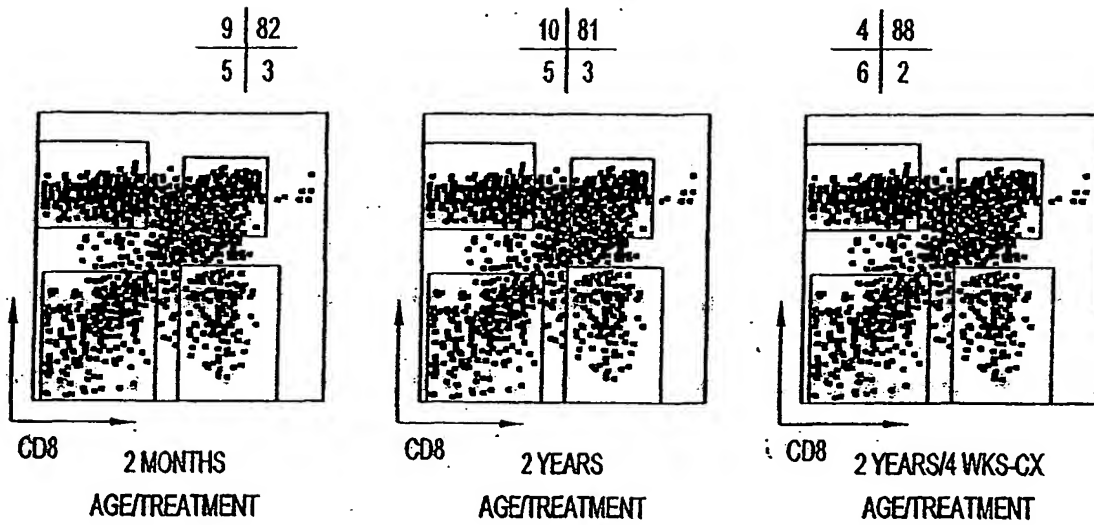
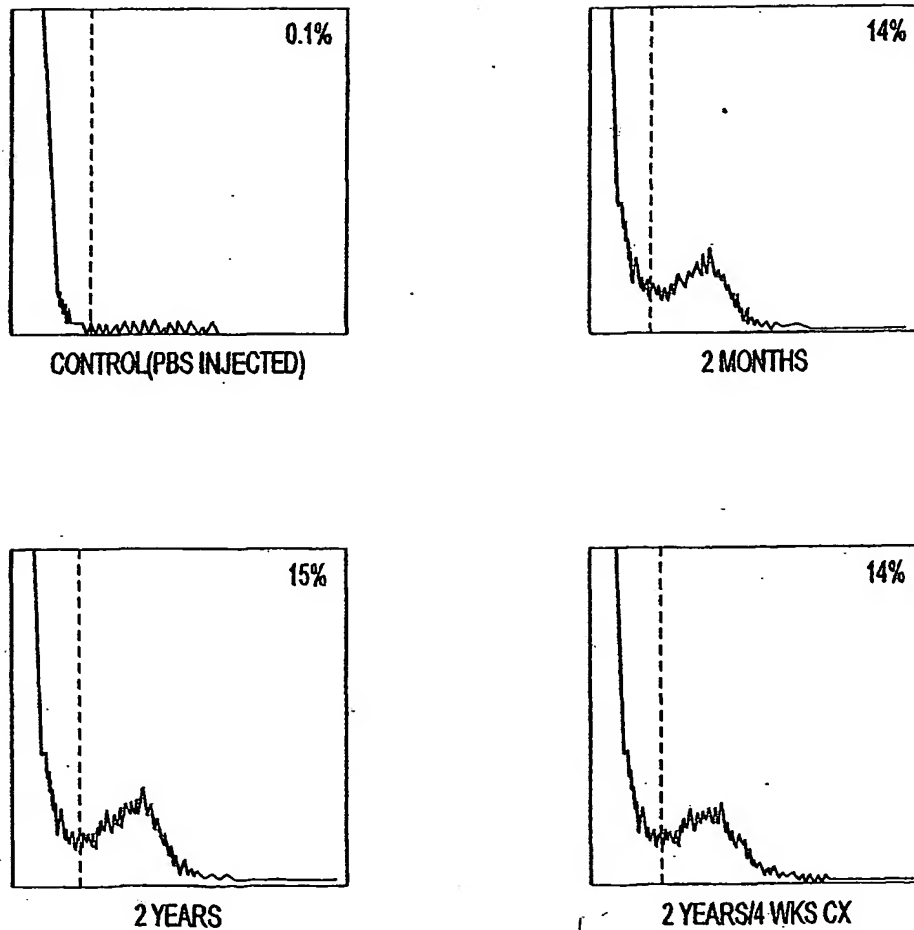


Figure 2F



**Figure 3**



**Figure 4<sub>A</sub>**

Figure 4B

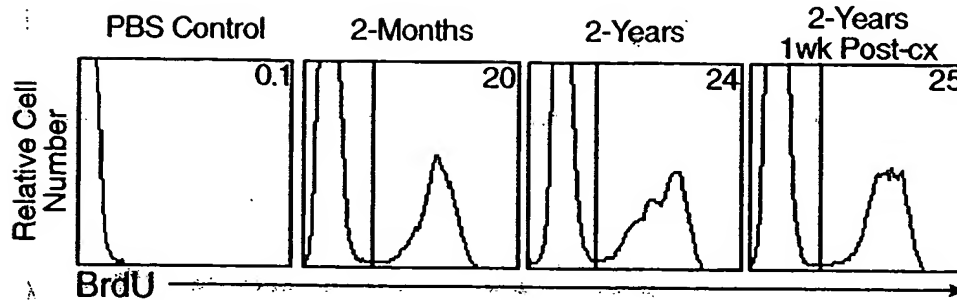
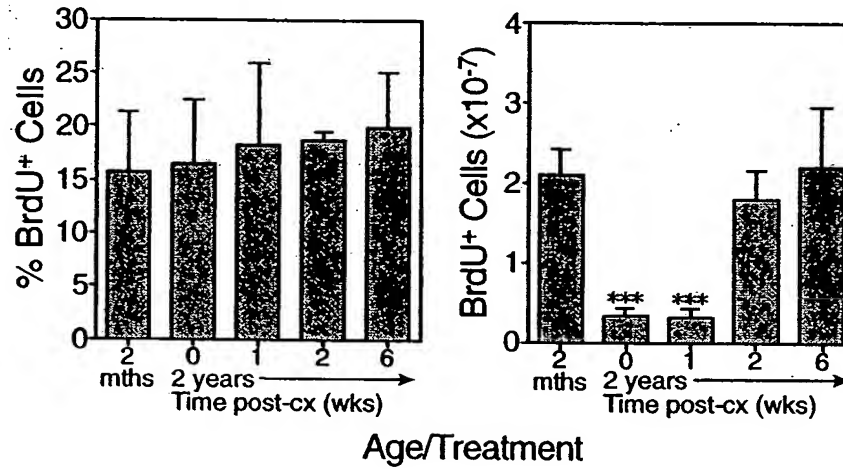


Figure 4C



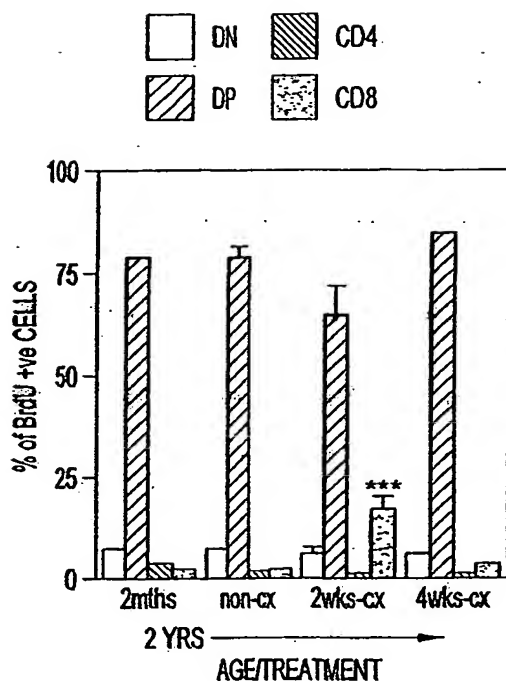


Figure 5A

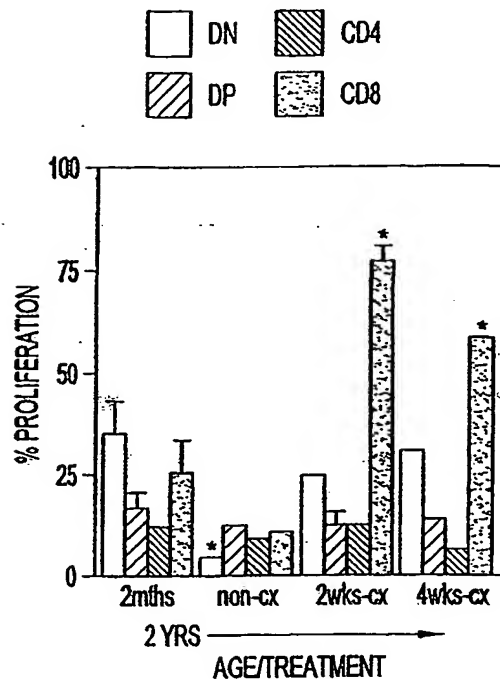


Figure 5B

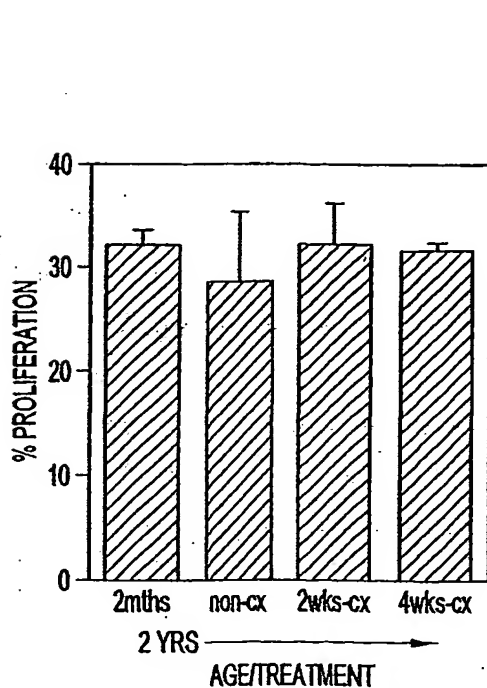


Figure 5E

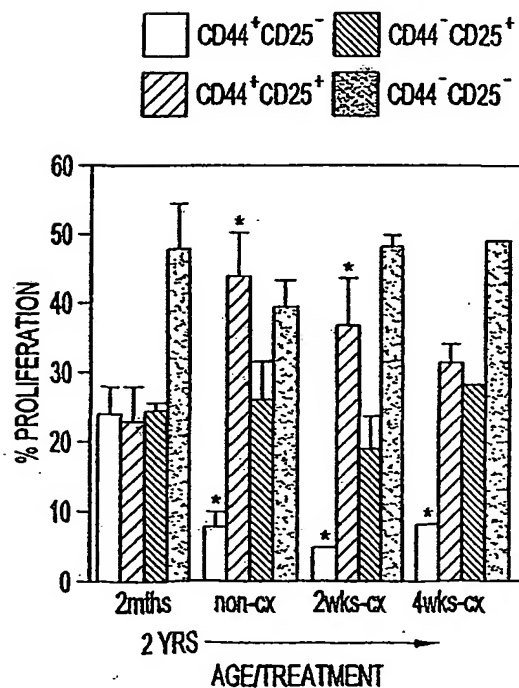


Figure 5G



Figure 5C

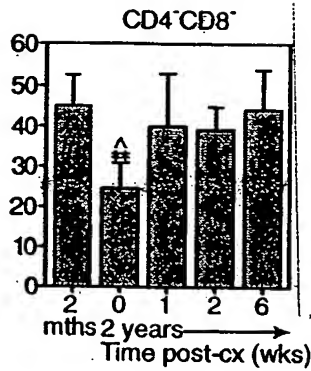


Figure 5D

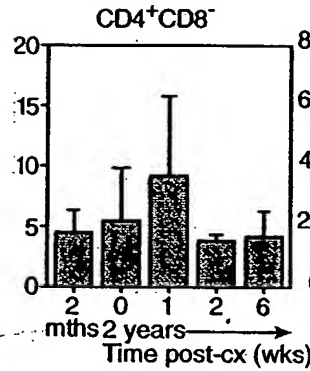


Figure 5E

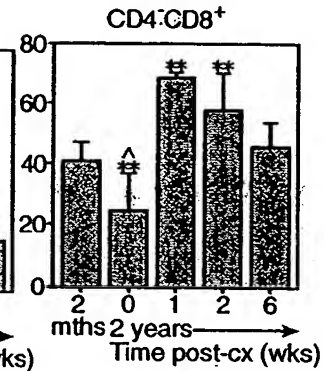


Figure 5H

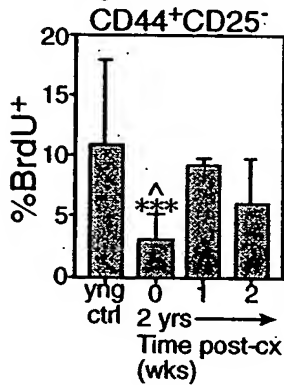


Figure 5I

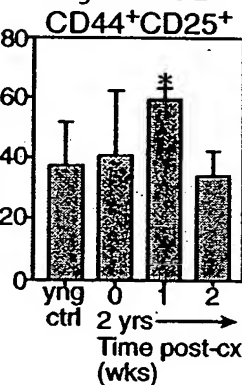


Figure 5J

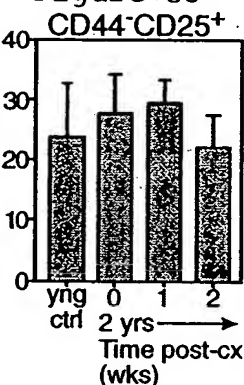
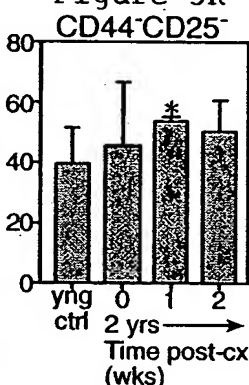


Figure 5K



Age/Treatment

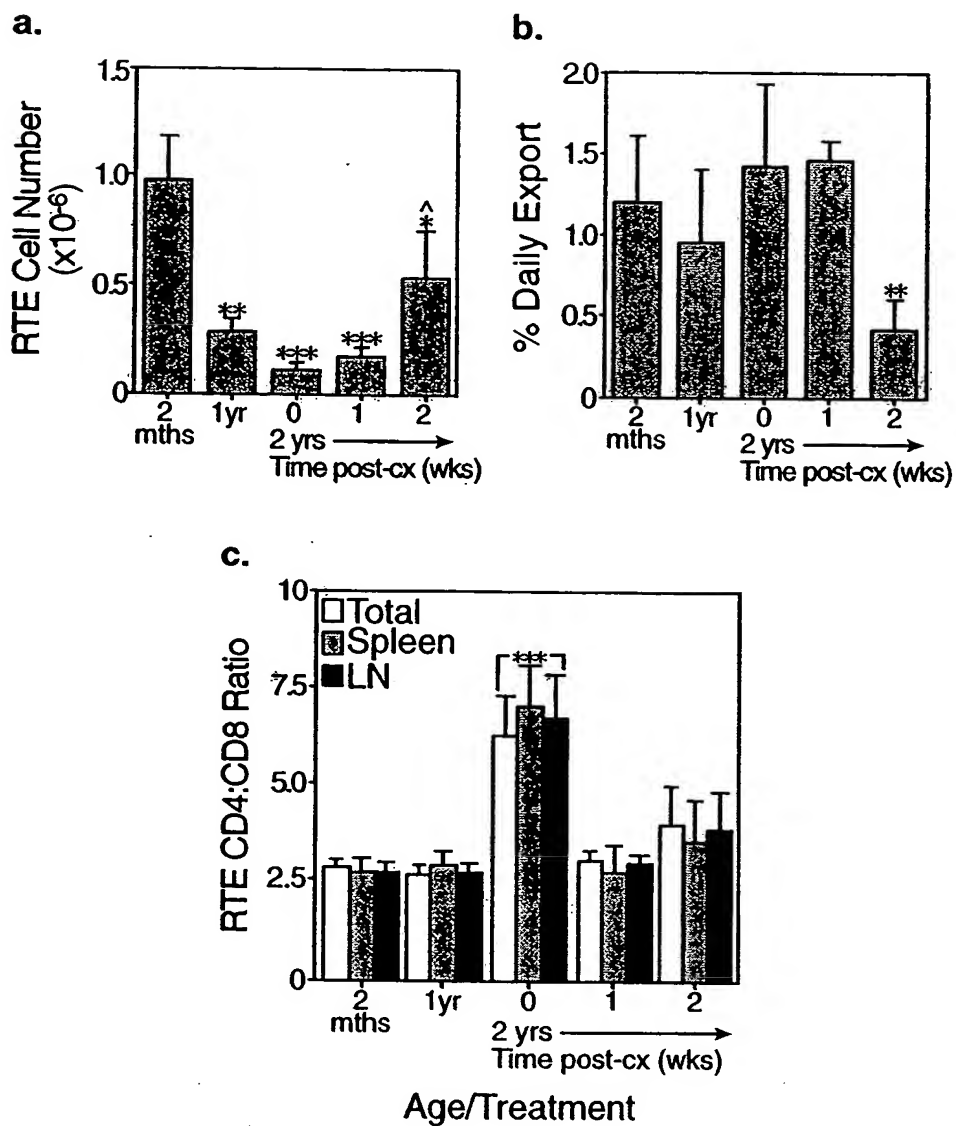


FIGURE 6.

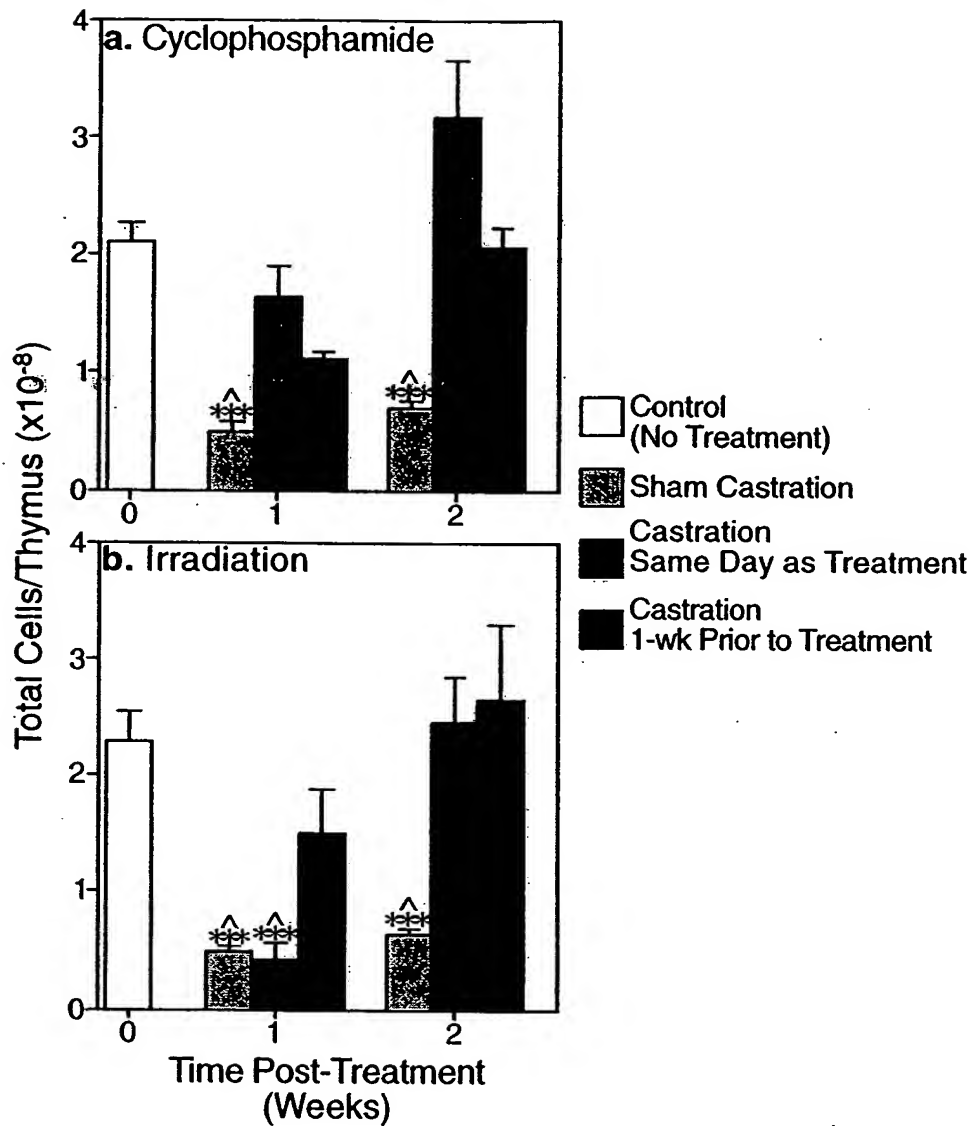
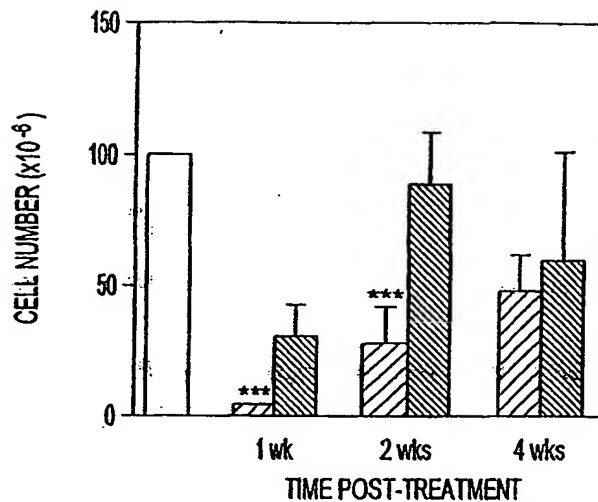
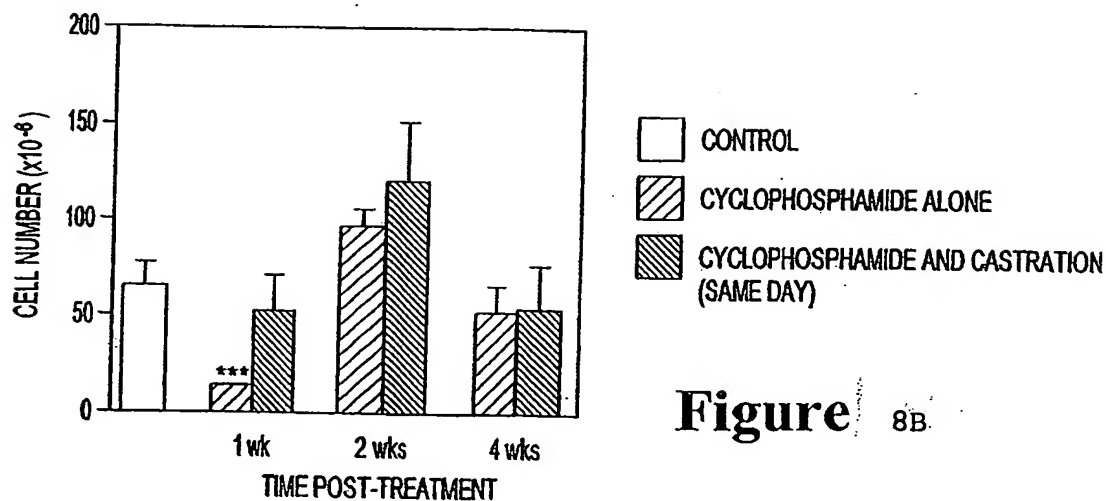


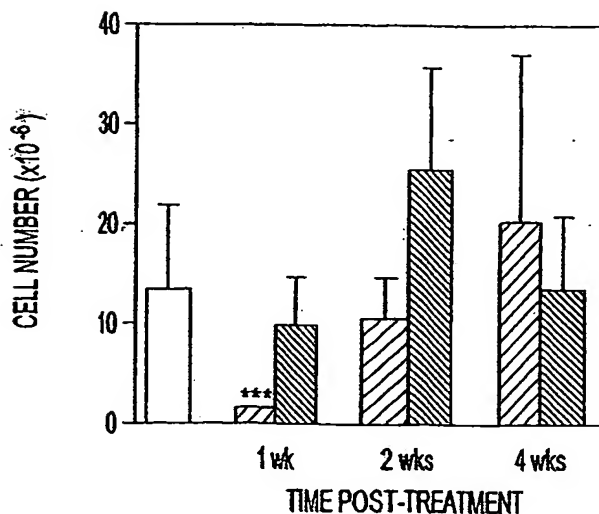
FIGURE 7.



**Figure 8A**



**Figure 8B**



**Figure 8C**

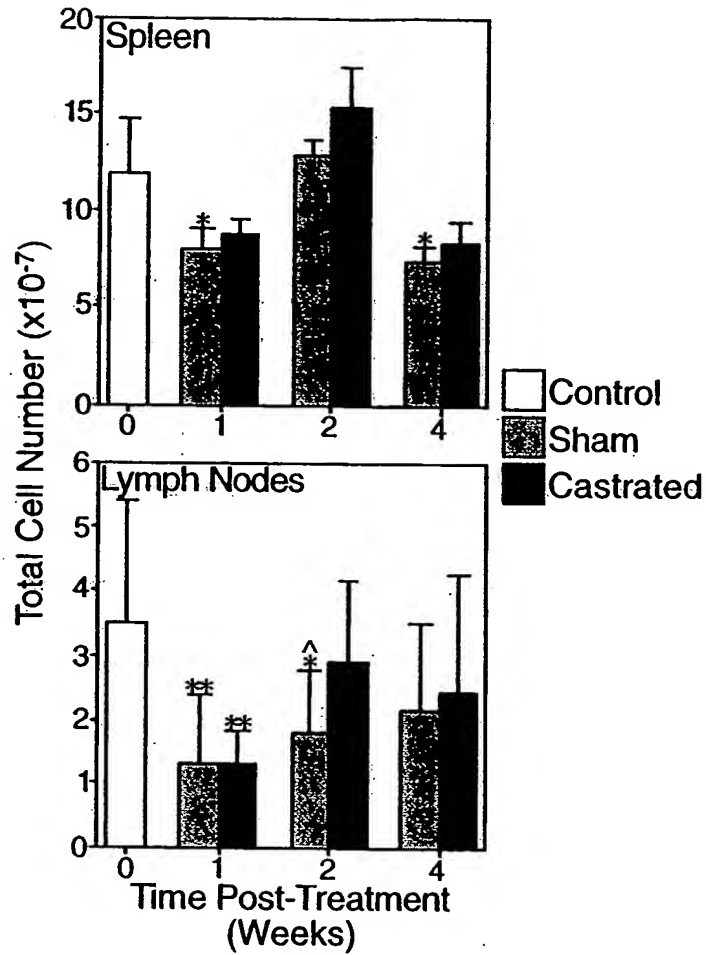


Figure 9A

Figure 9B

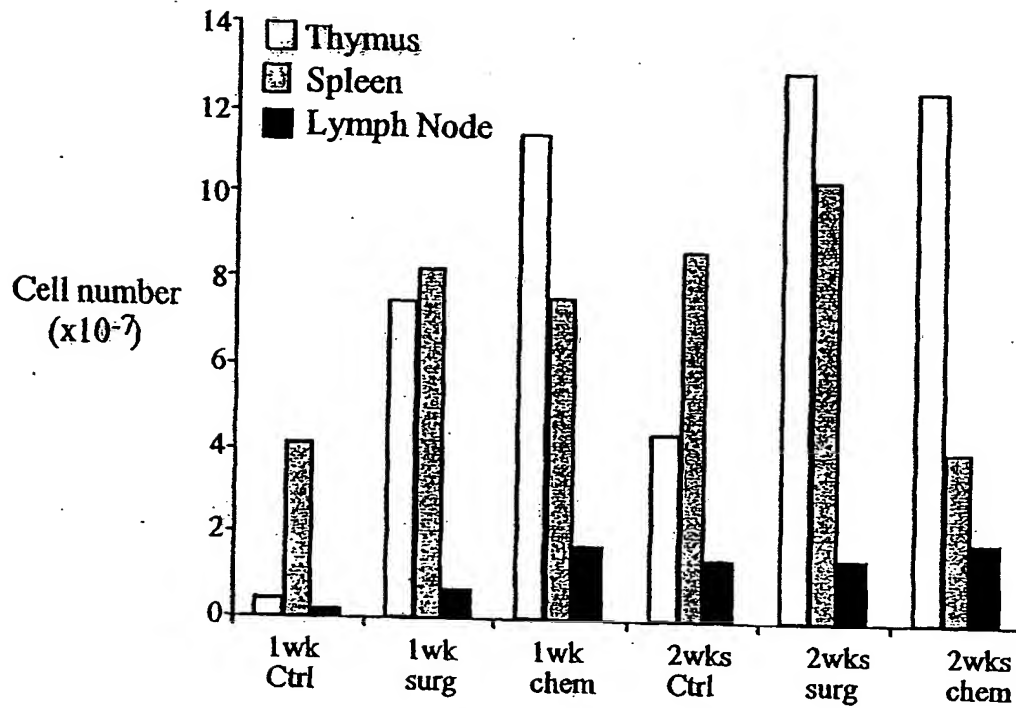
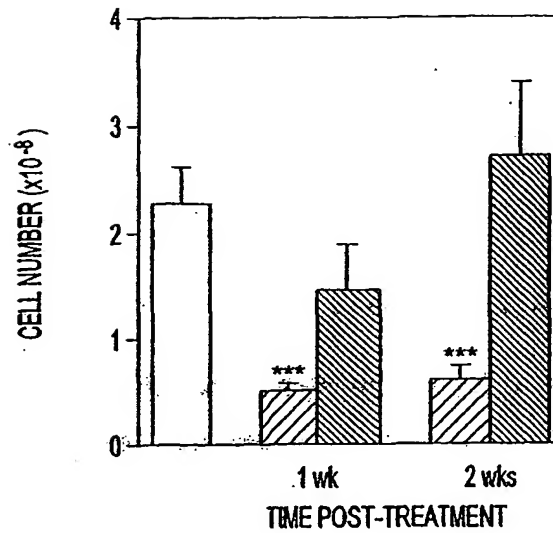
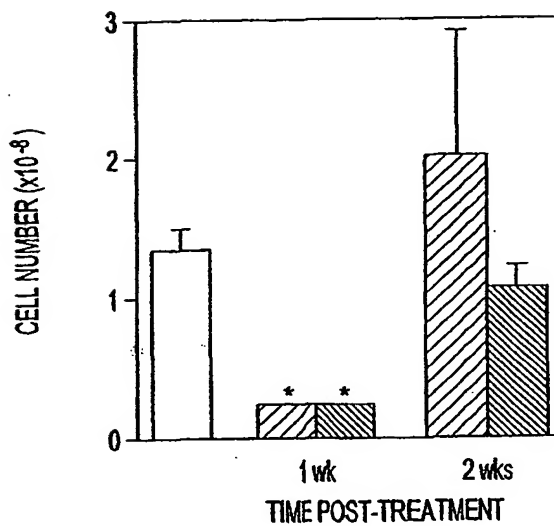


Figure 10

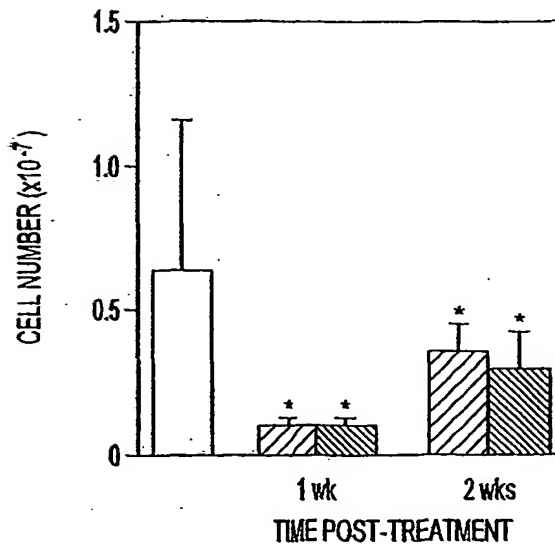


**Figure 11A**

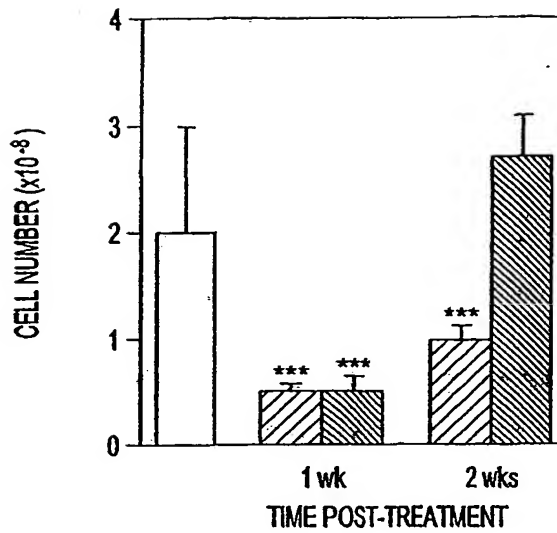


CONTROL  
 IRRADIATION ALONE  
 CASTRATION/IRRADIATION  
 one week prior to treatment

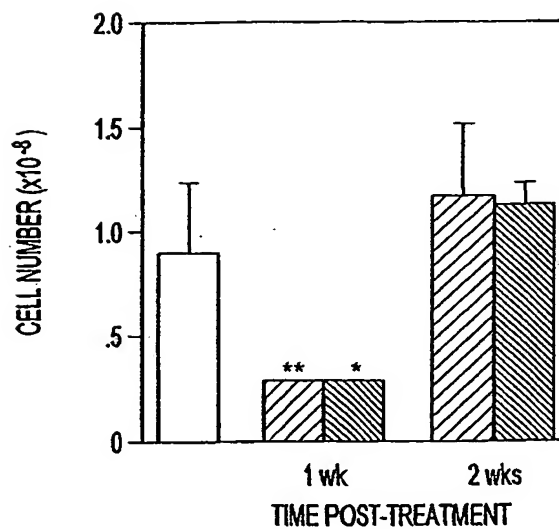
**Figure 11B**



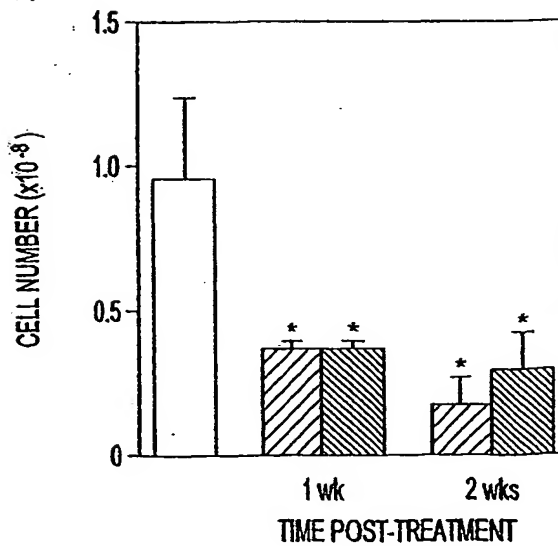
**Figure 11C**



**Figure 12A**

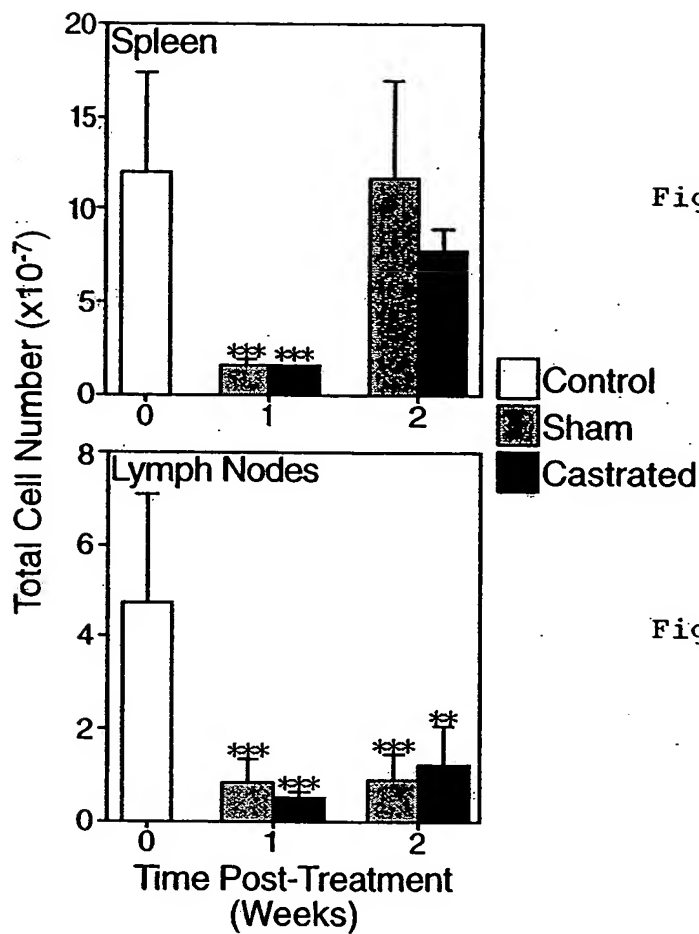


**Figure 12B**



**Figure 12C**





### LN size post-HSV inoculation

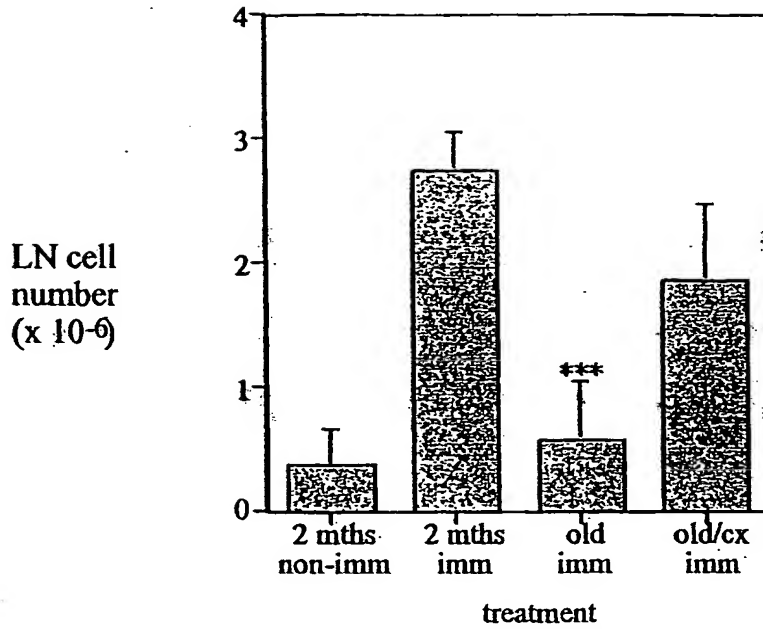


Fig. 14A

### Activated cell numbers

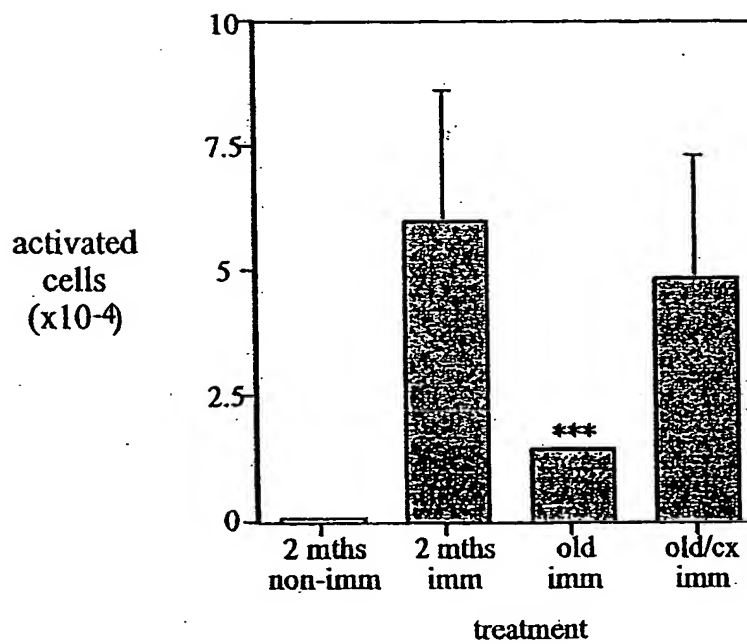
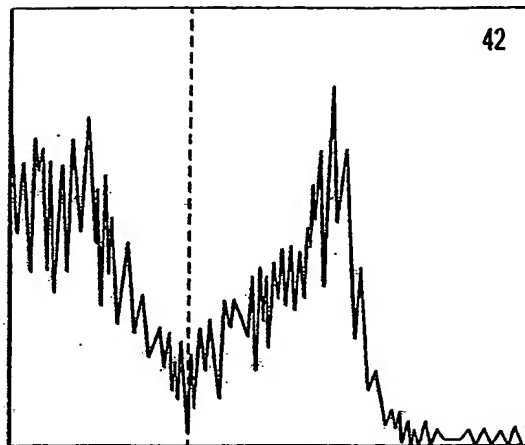
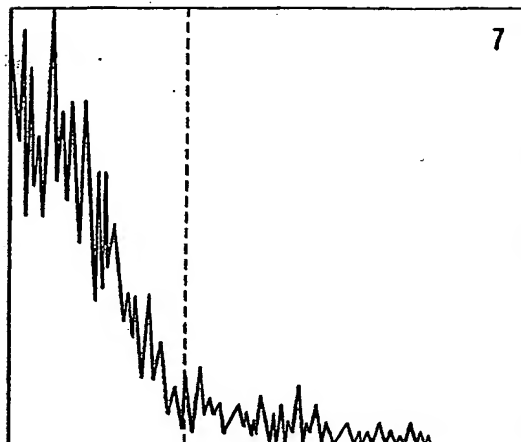


Fig. 14B



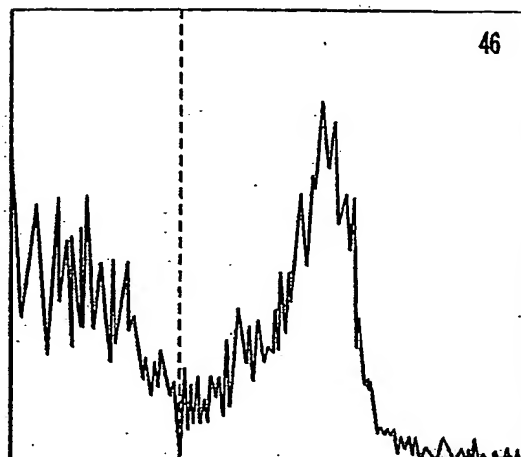
2 MONTHS

Figure 15A



18 MONTHS

Figure 15B



18 MONTHS  
CASTRATED

Figure 15c

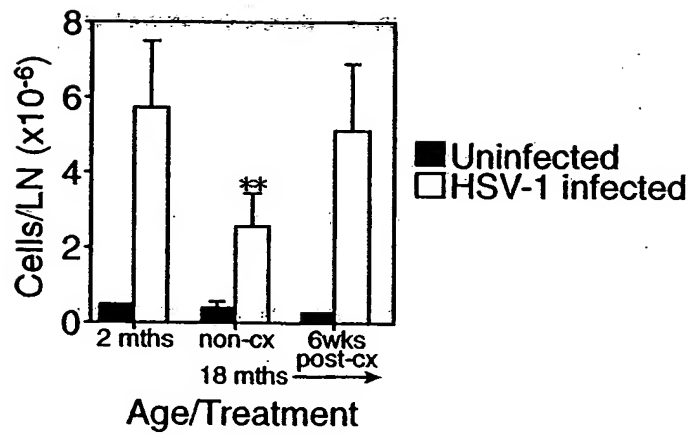


FIGURE 16

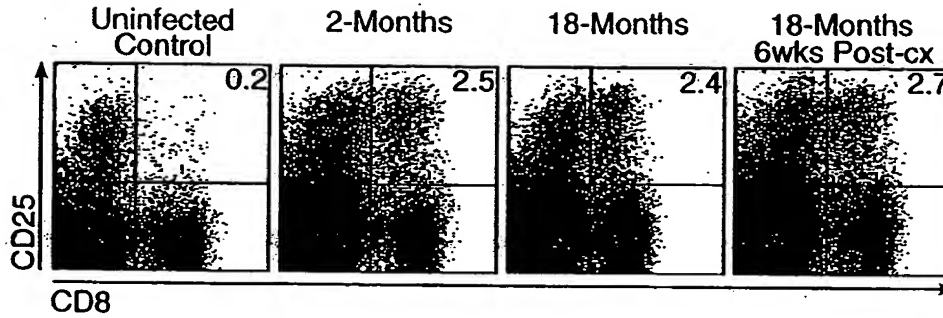


Figure 17A

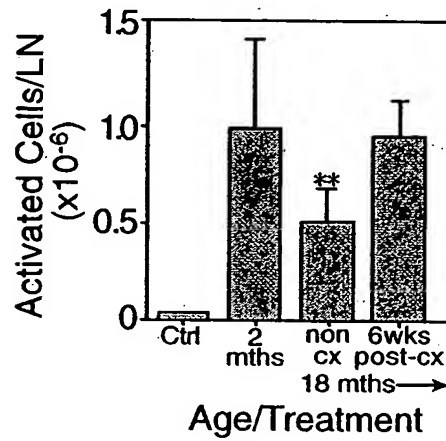


Figure 17B

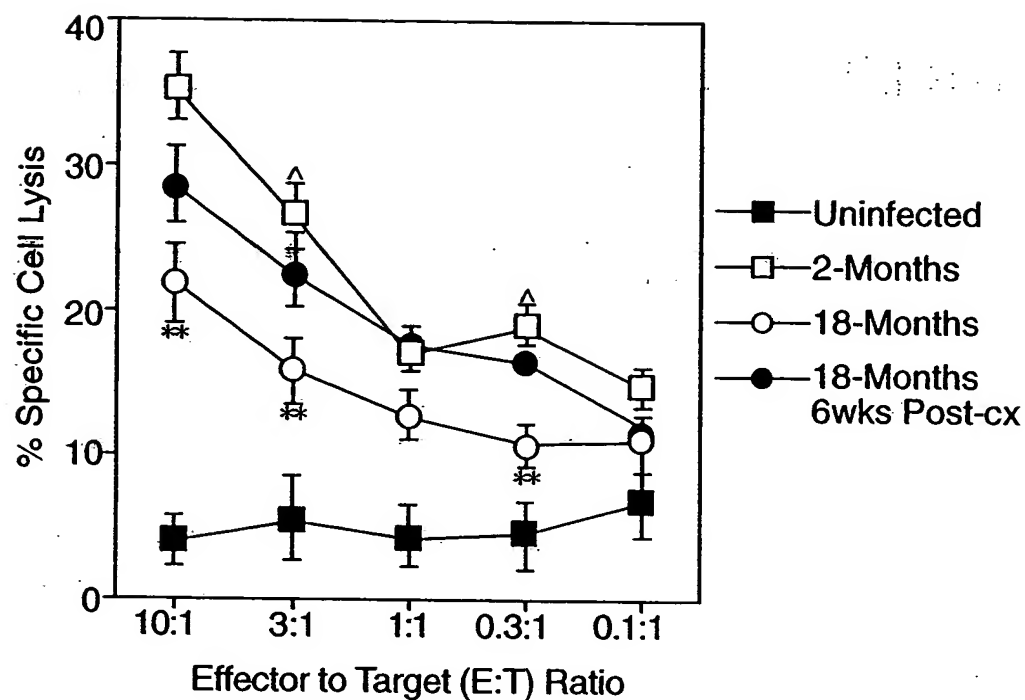
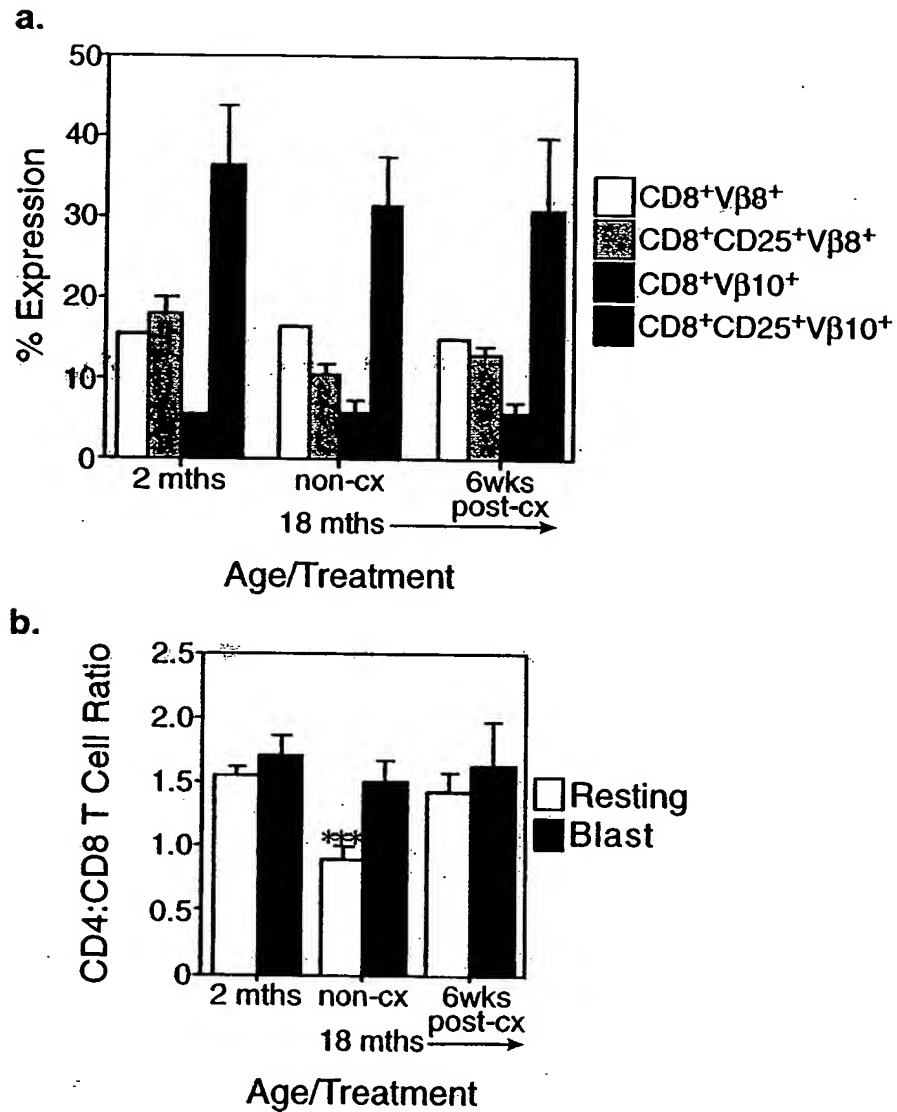
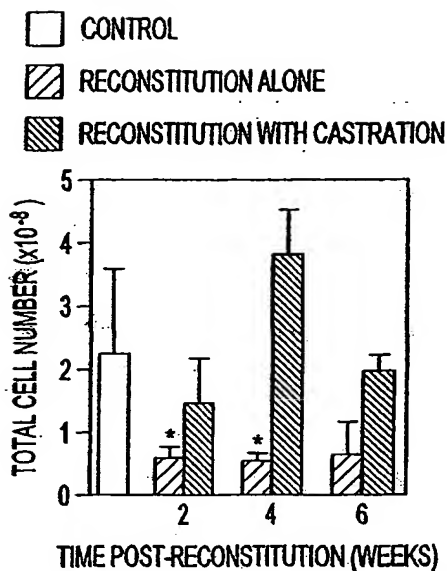


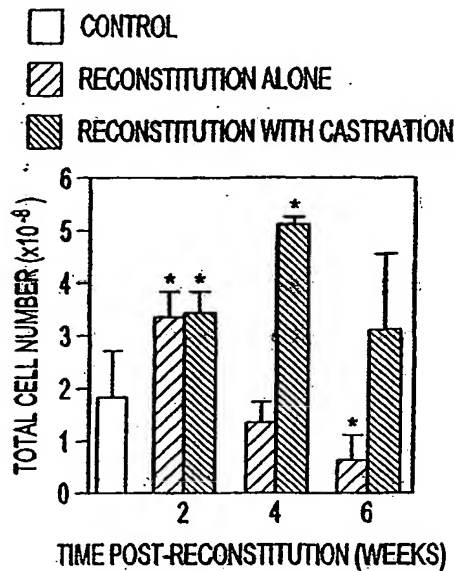
FIGURE 18



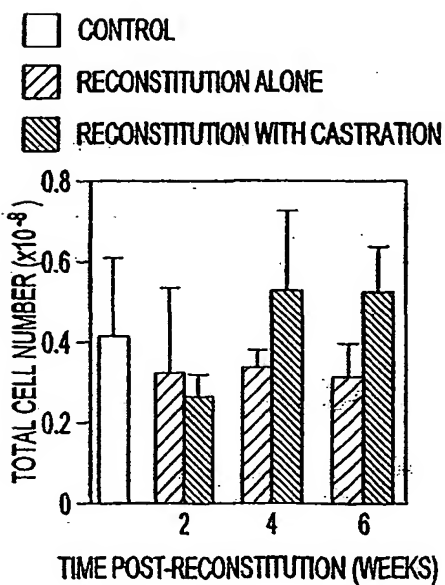
**FIGURE 19**



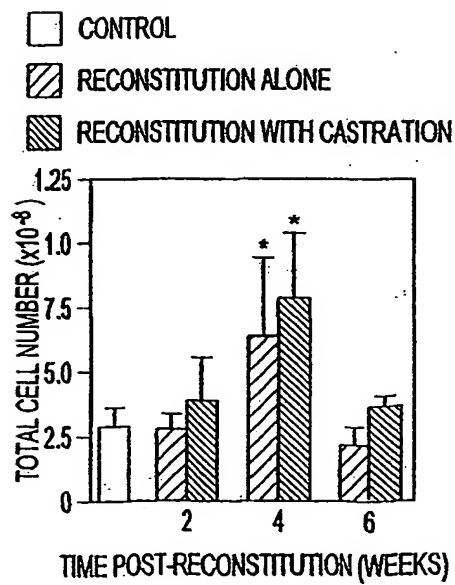
**Figure 20A**



**Figure 20B**



**Figure 20C**



**Figure 20D**



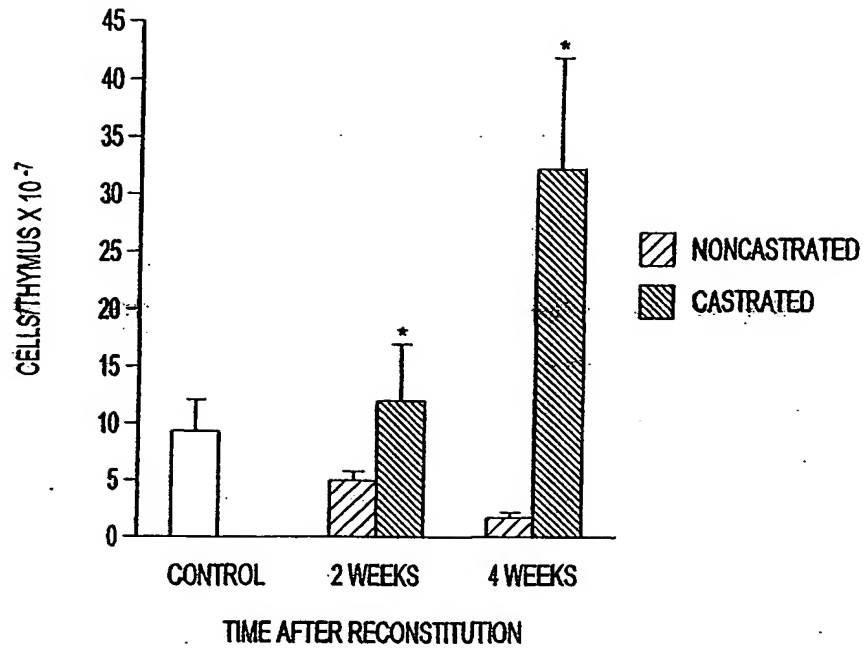


Figure 21A

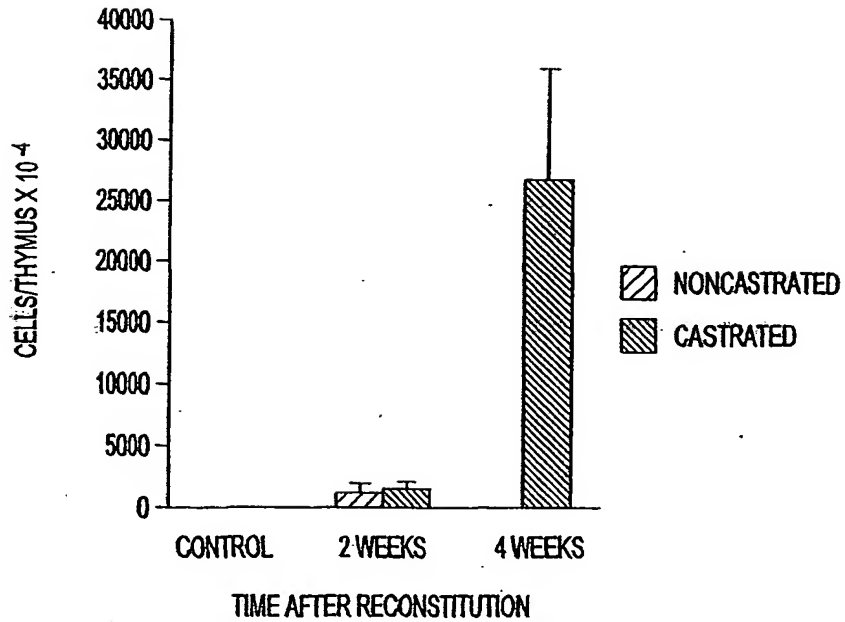


Figure 21B

APPLICANT: Boyd  
 APPLN. NO.: TBD  
 FILING DATE: December 30, 2003  
 TITLE: Disease Prevention by Reactivation of the Thymus  
 DOCKET NO.: NOR-014CP4/286336.153  
 25 OF 45

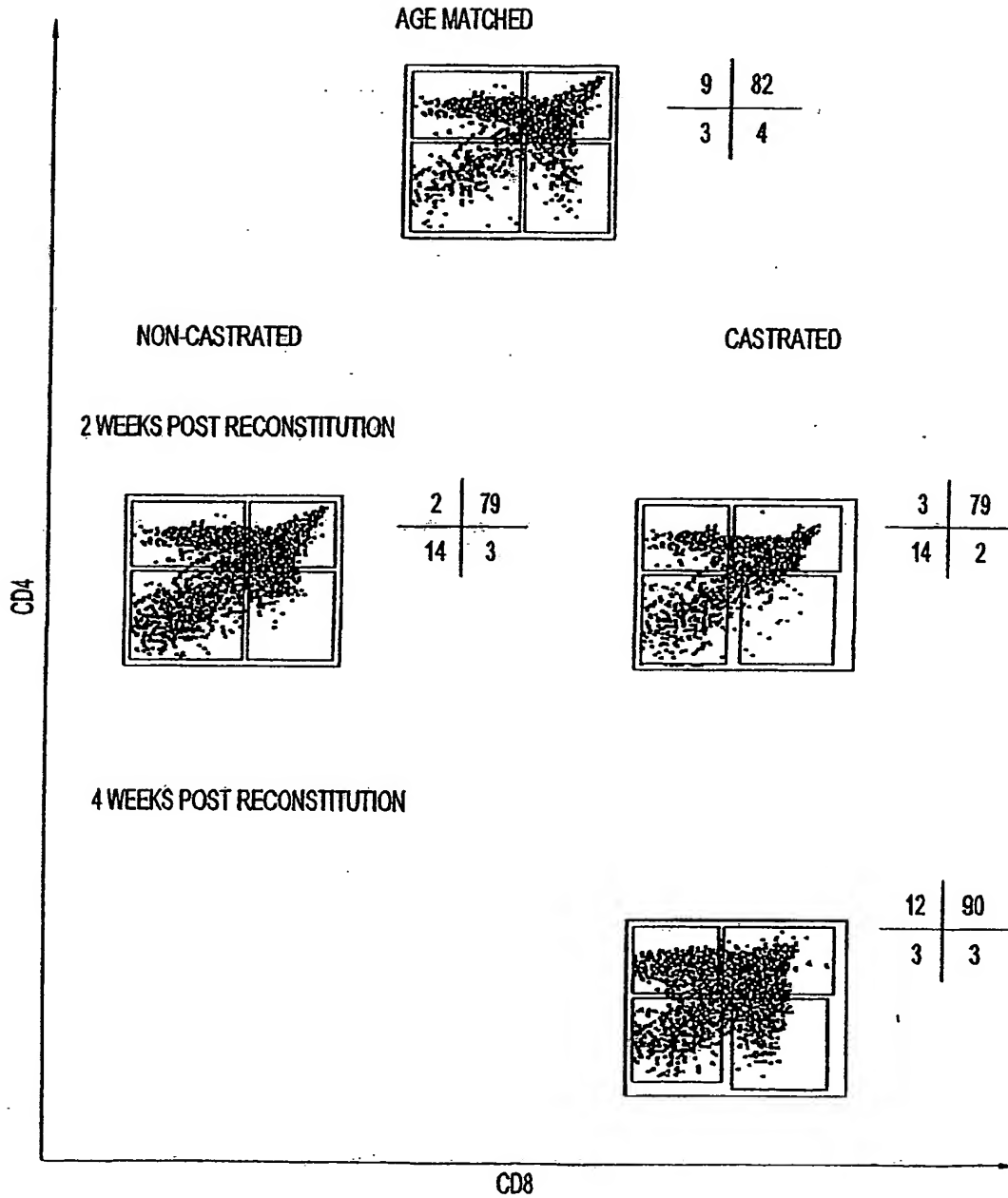
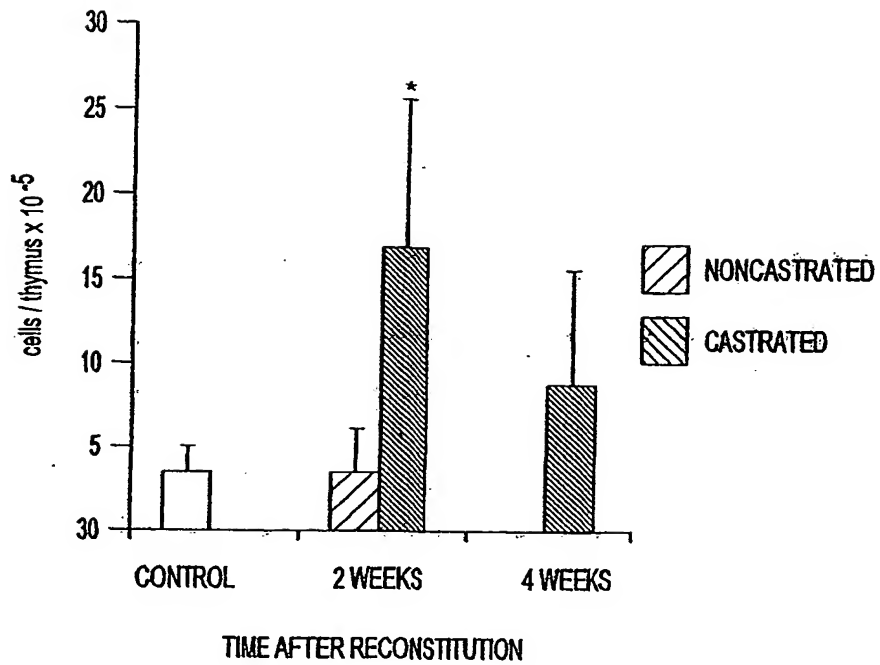
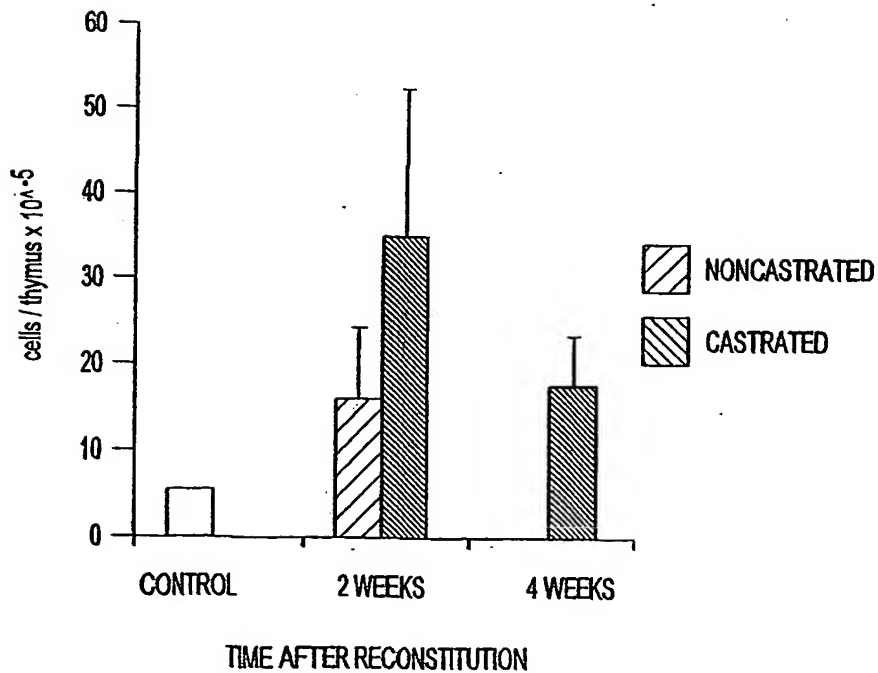


Figure 22



**Figure 2.3A**



**Figure 2.3B**

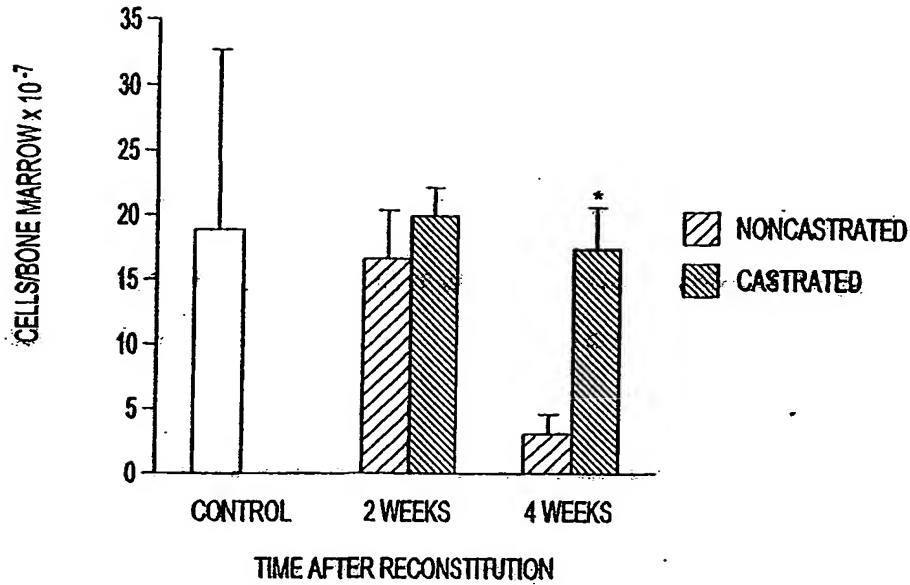


Figure 24A

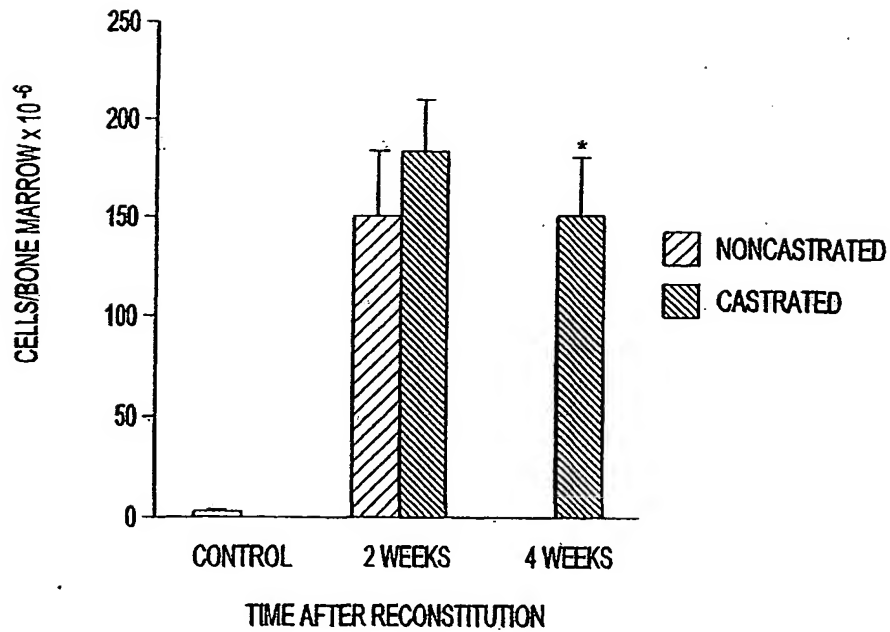


Figure 24B

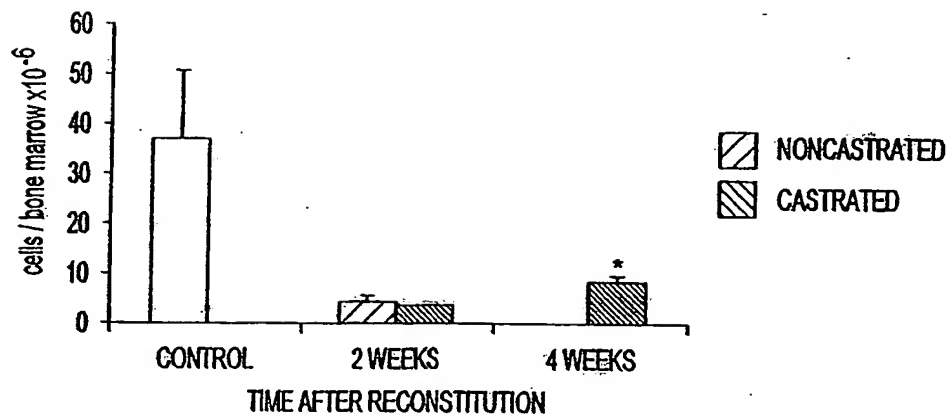


Figure 25A

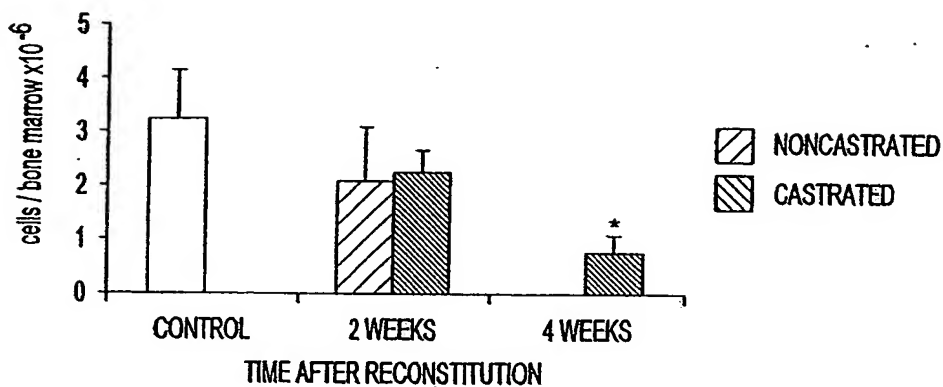


Figure 25B

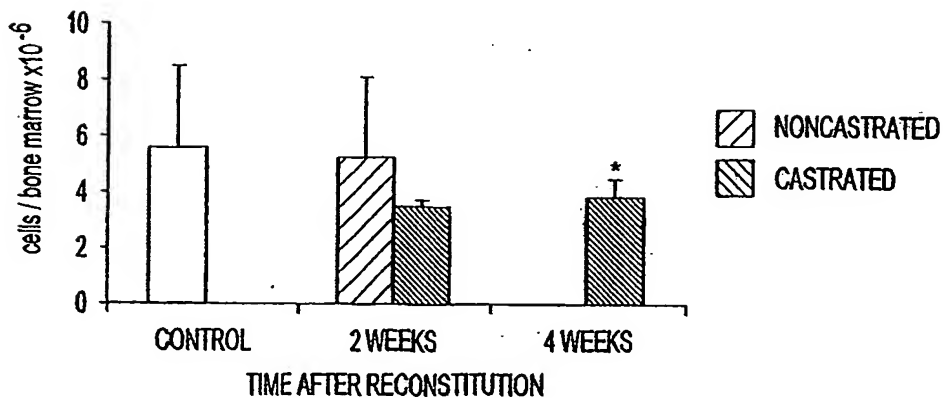


Figure 25C

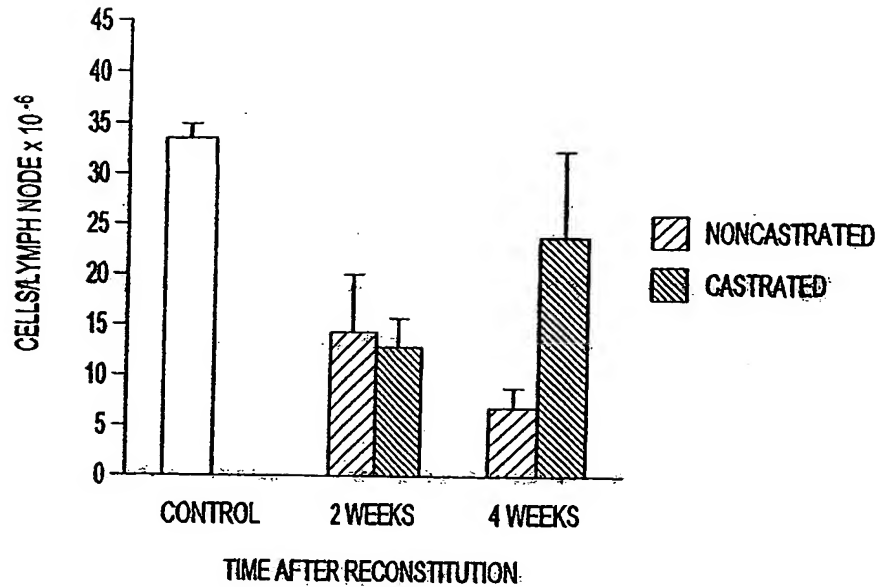


Figure 26A

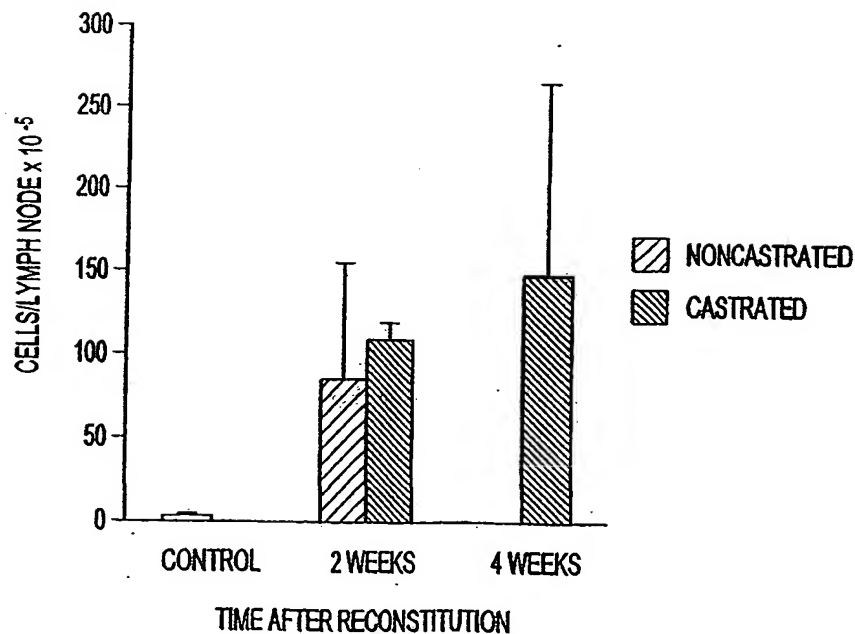
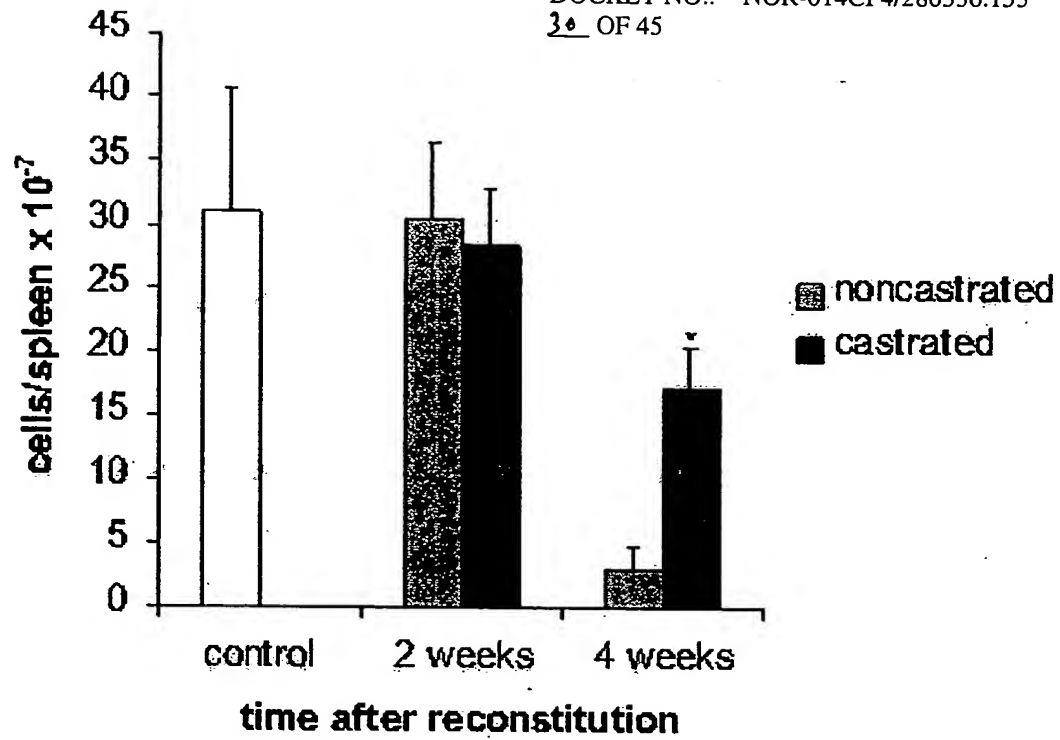
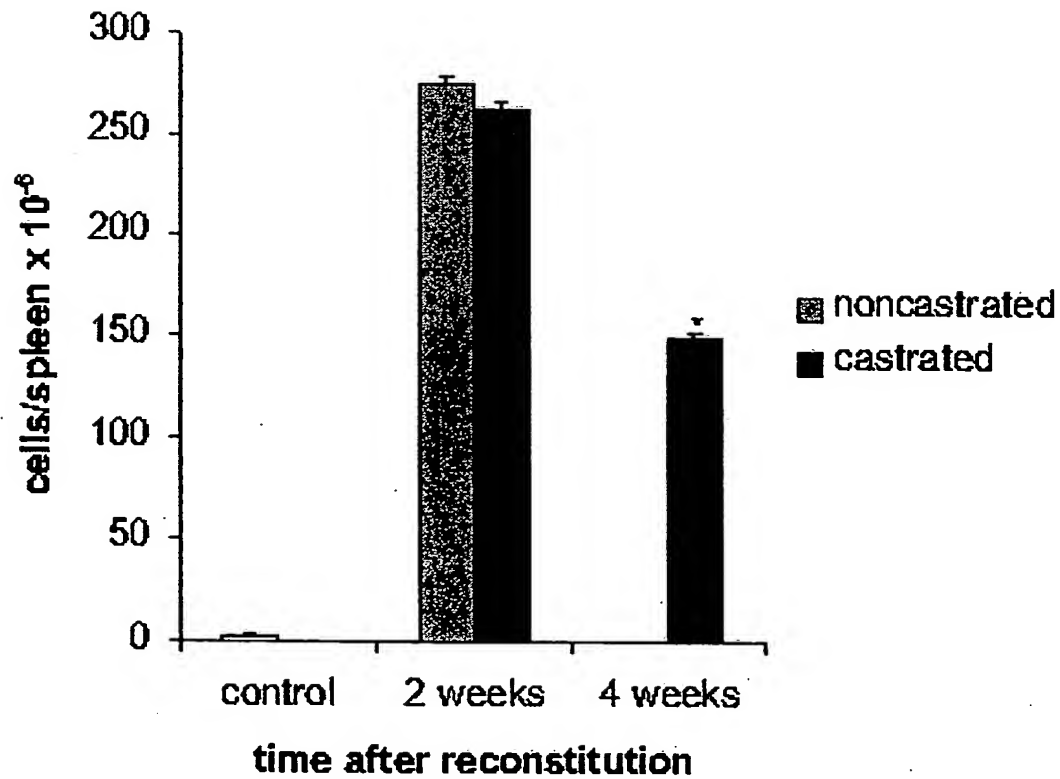


Figure 26B

**A.**



**B.**



**FIGURE 27.**

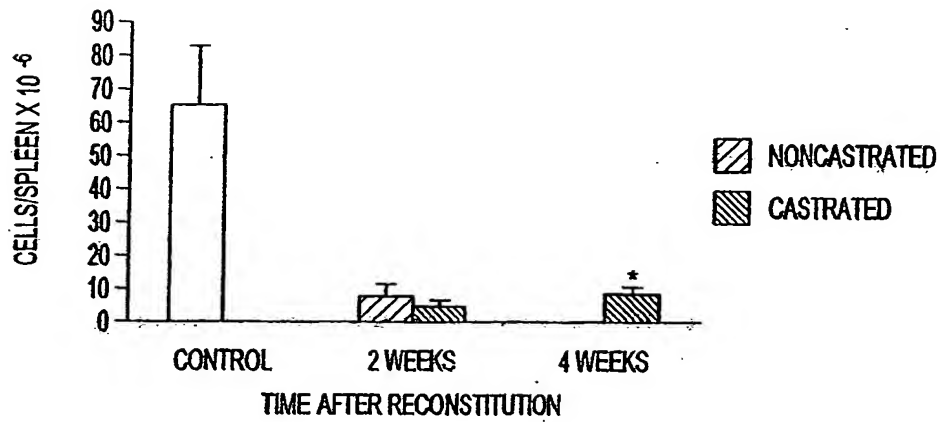


Figure 28A

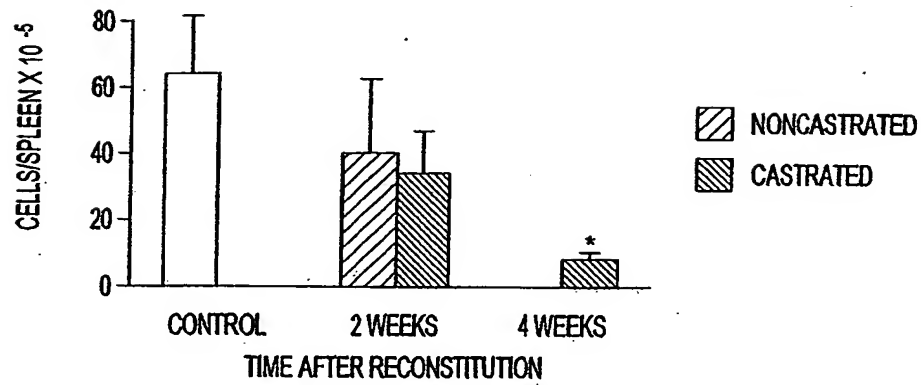


Figure 28B

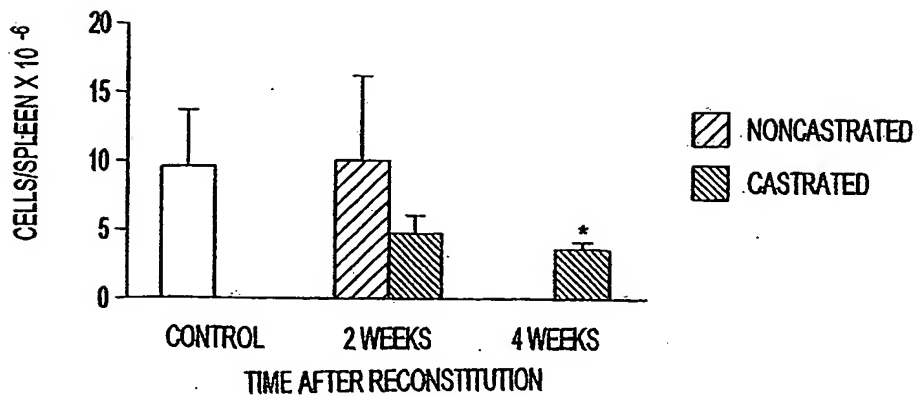
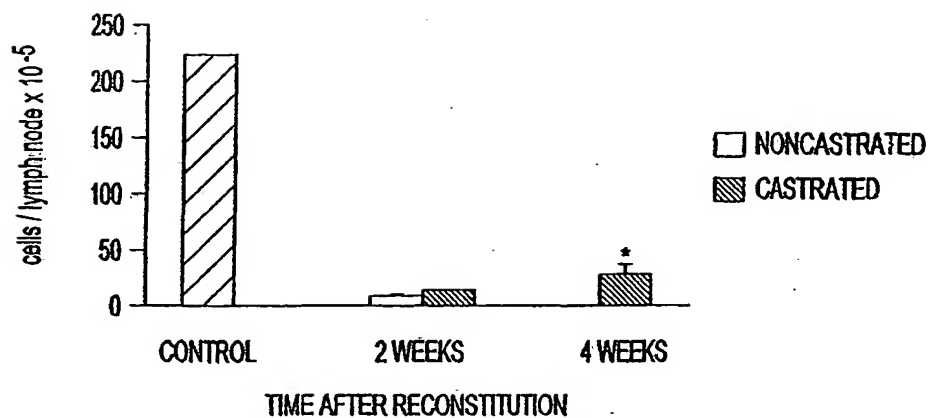
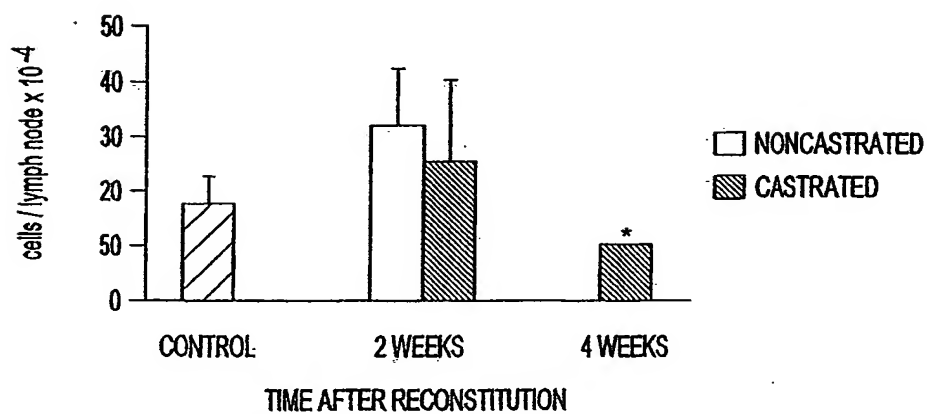


Figure 28C

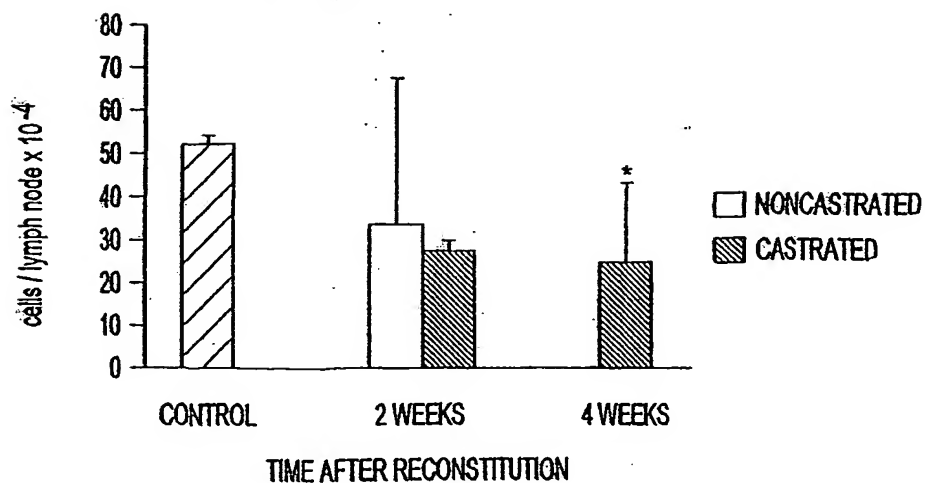




**Figure 29A**

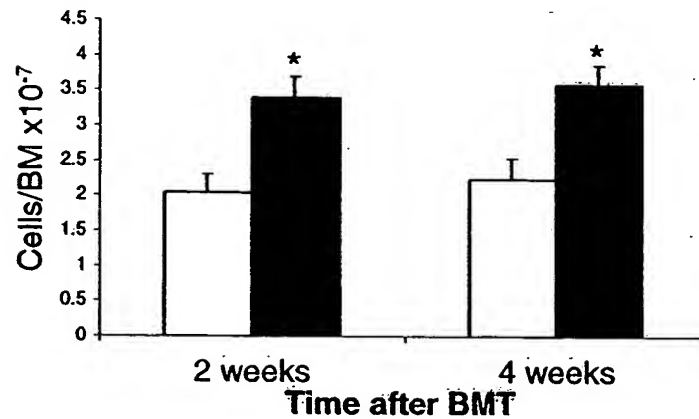


**Figure 29B**

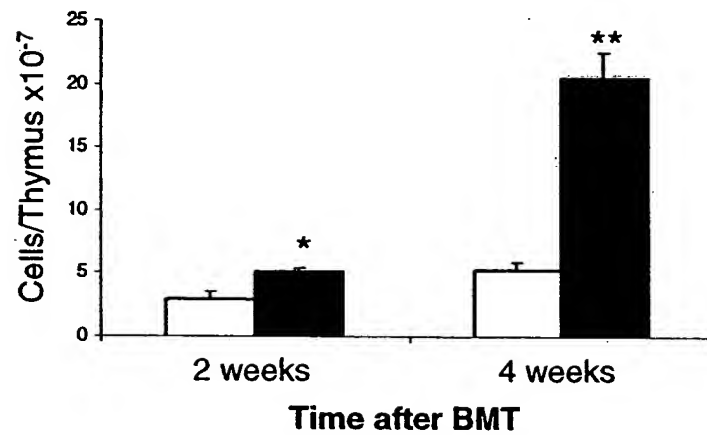


**Figure 29C**

## A. Bone Marrow



## B. Thymus



## C. Spleen

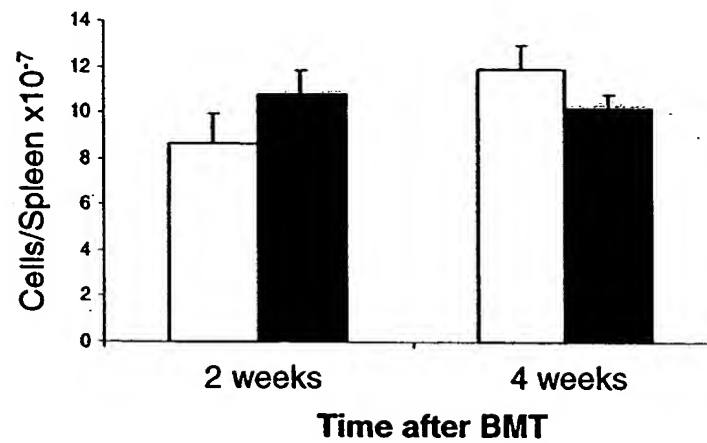


Figure 30

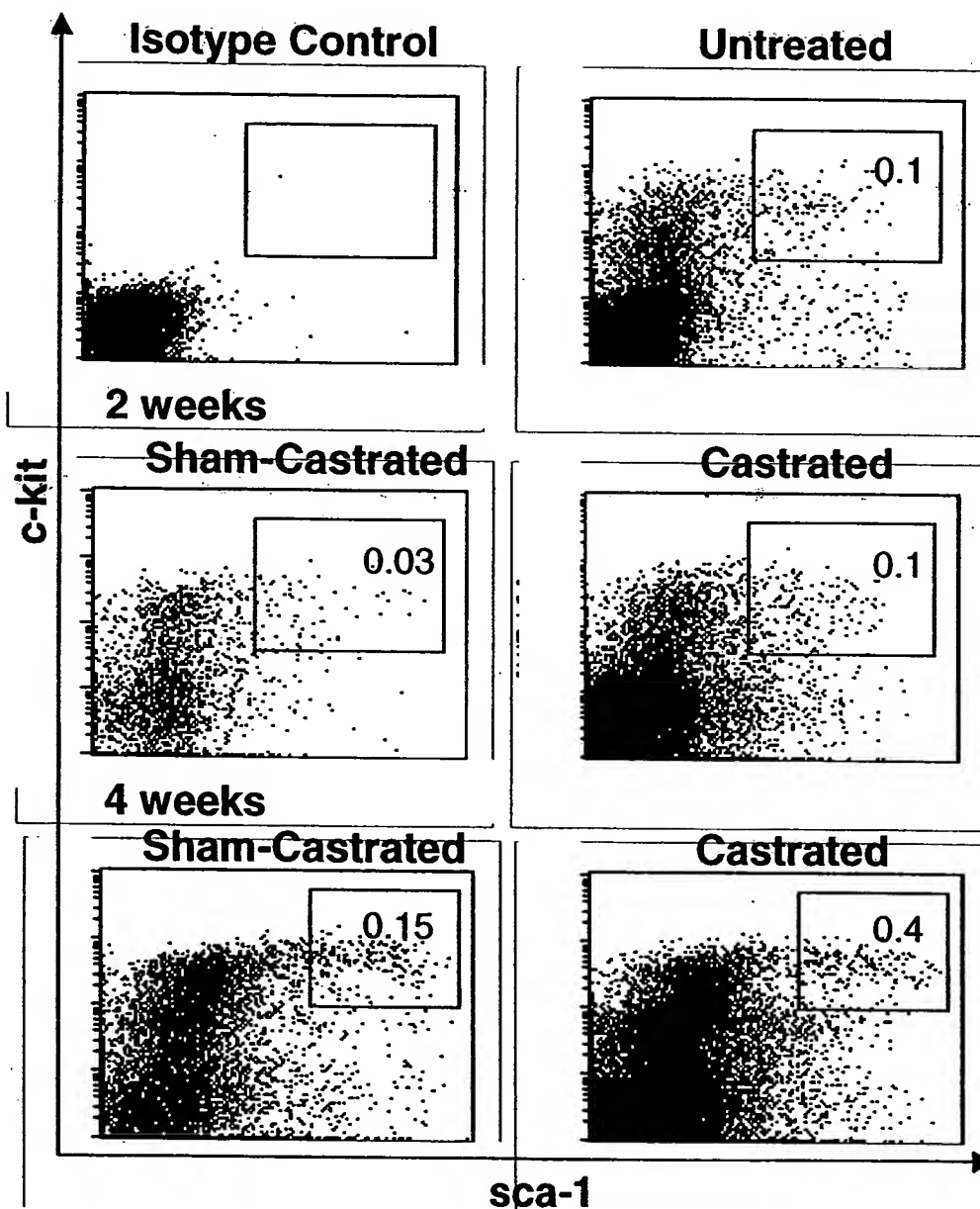
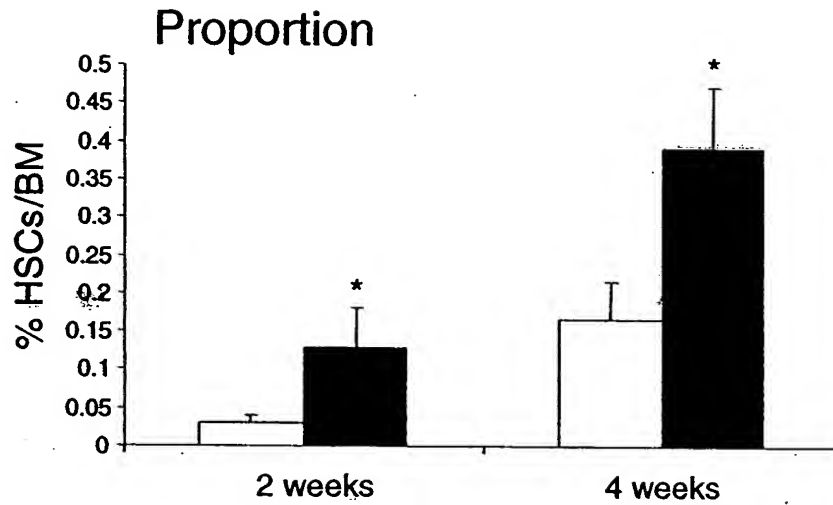
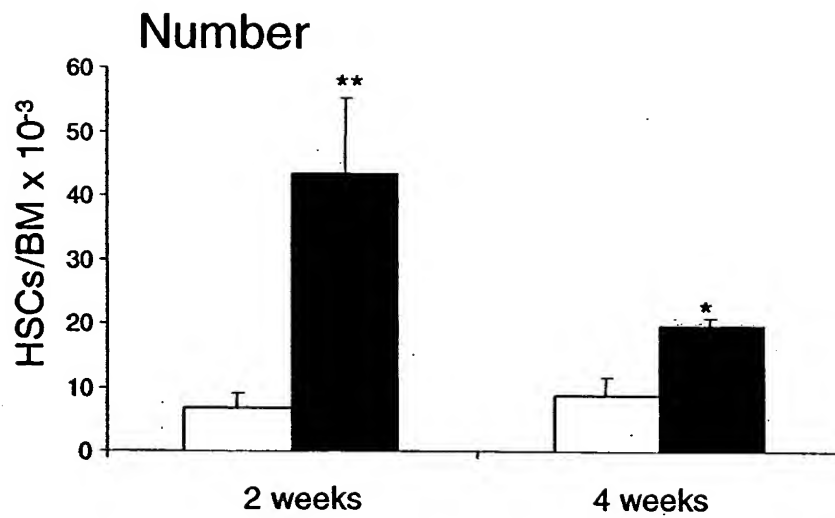


Figure 31

**A.**

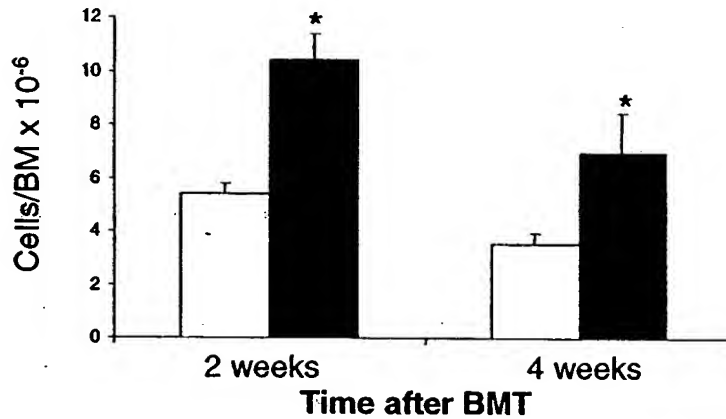


**B.**



**Figure 32**

## A. B Cell Precursors



## B. B Cells

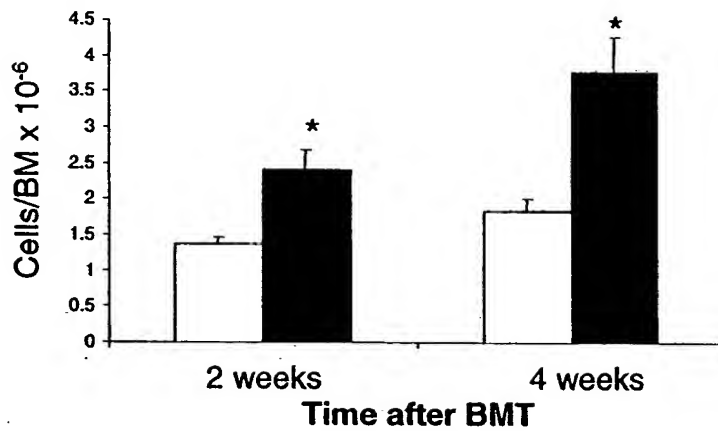


Figure 33

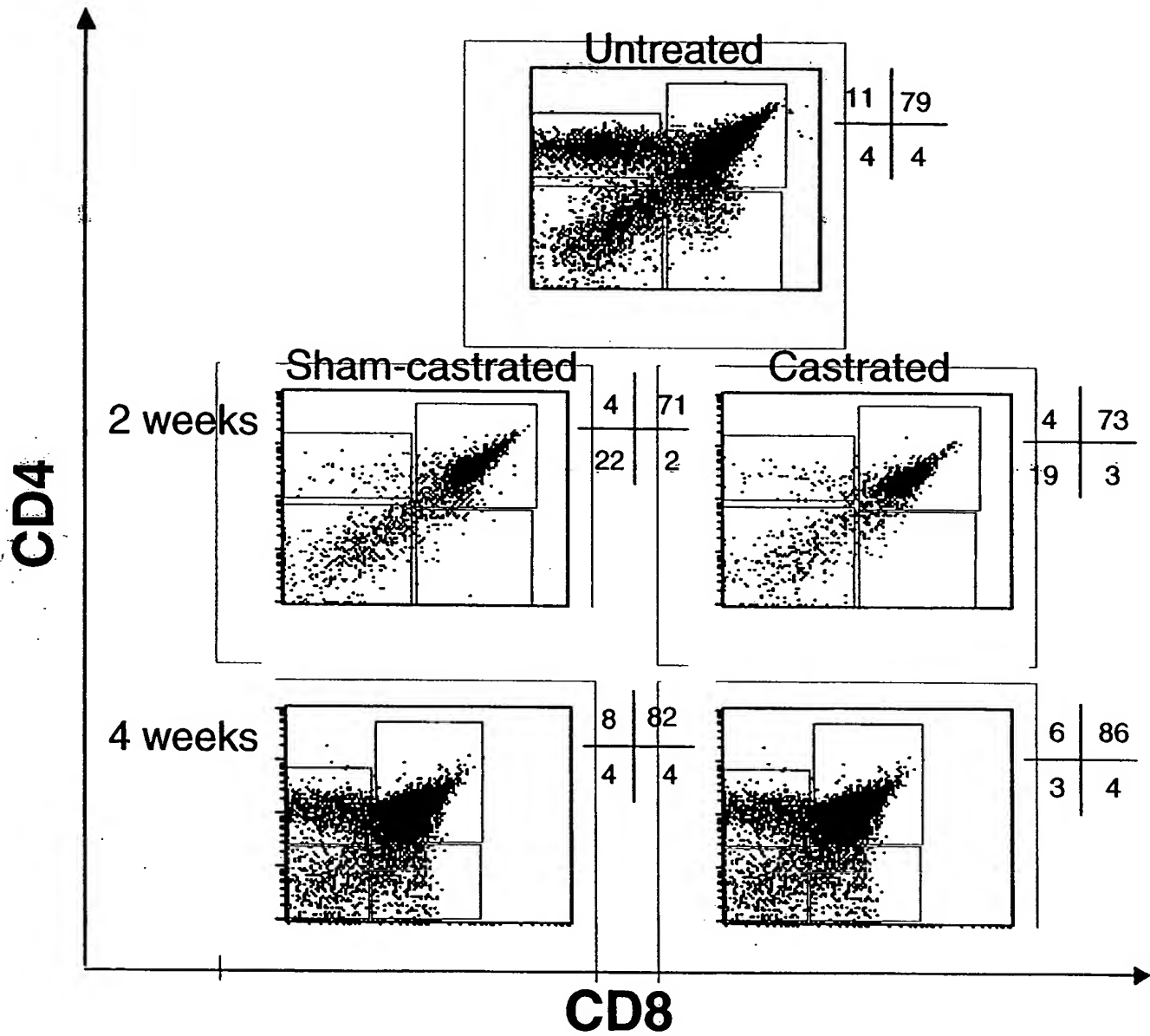


Figure 34

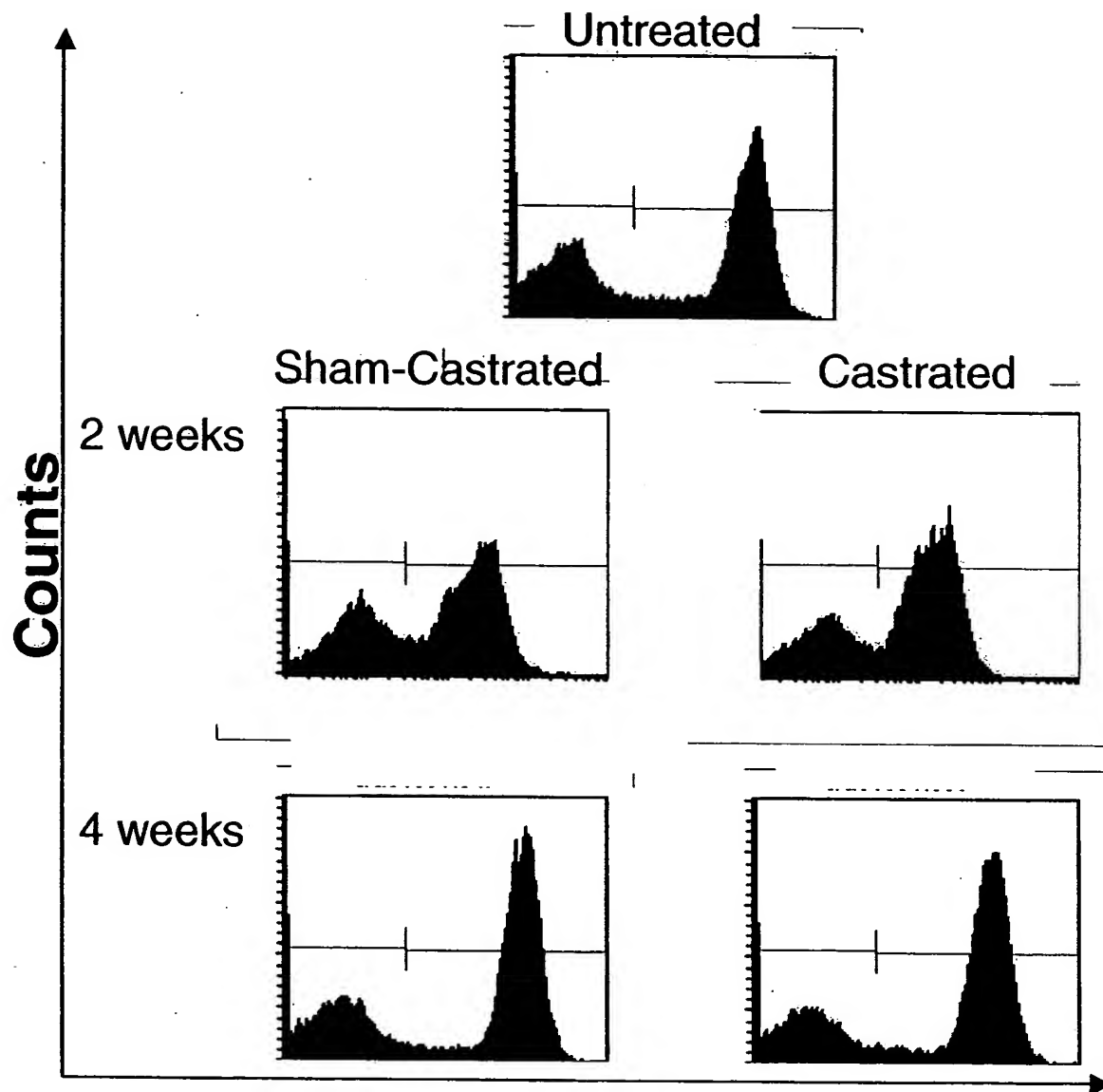


Figure 35

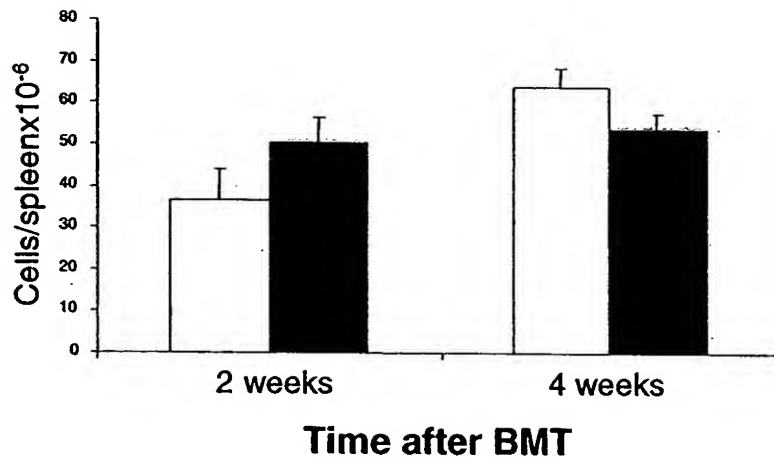
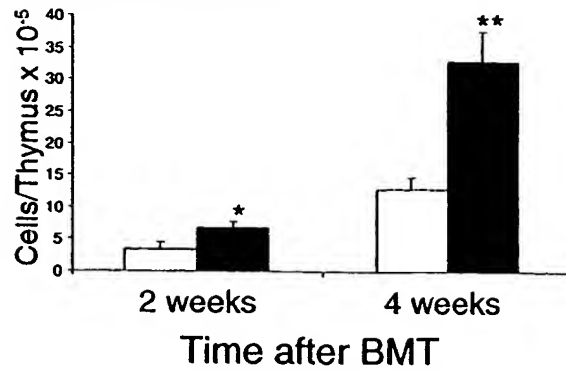


Figure 36



**A.**

**Triple Negative**



APPLICANT: Boyd

APPLN. NO.: TBD

FILING DATE: December 30, 2003

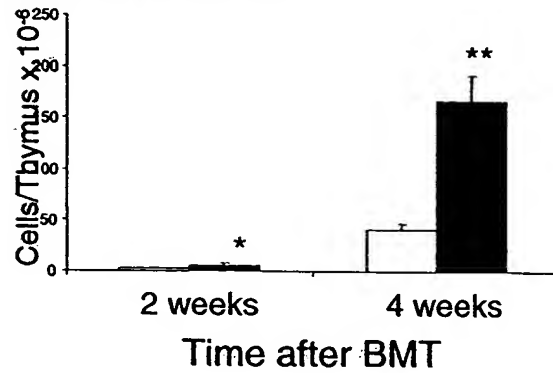
TITLE: Disease Prevention by Reactivation of the Thymus

DOCKET NO.: NOR-014CP4/286336.153

40 OF 45

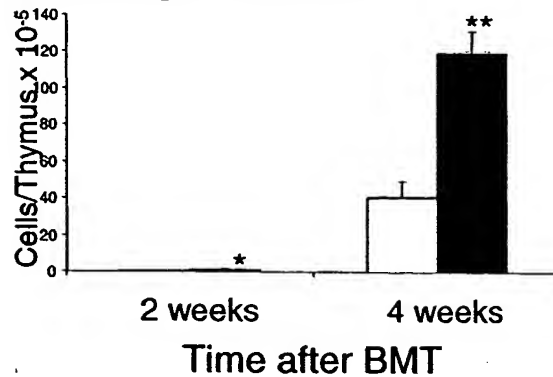
**B.**

**Double Positive**



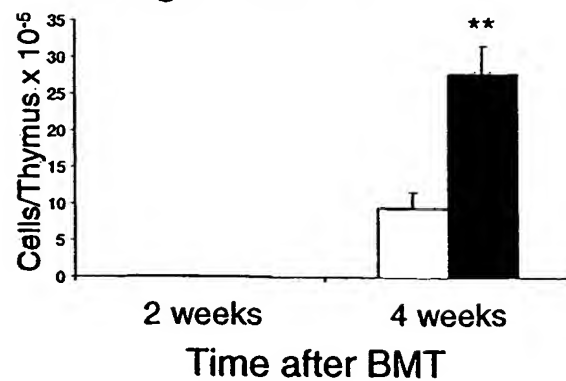
**C.**

**CD4 Single Positive**

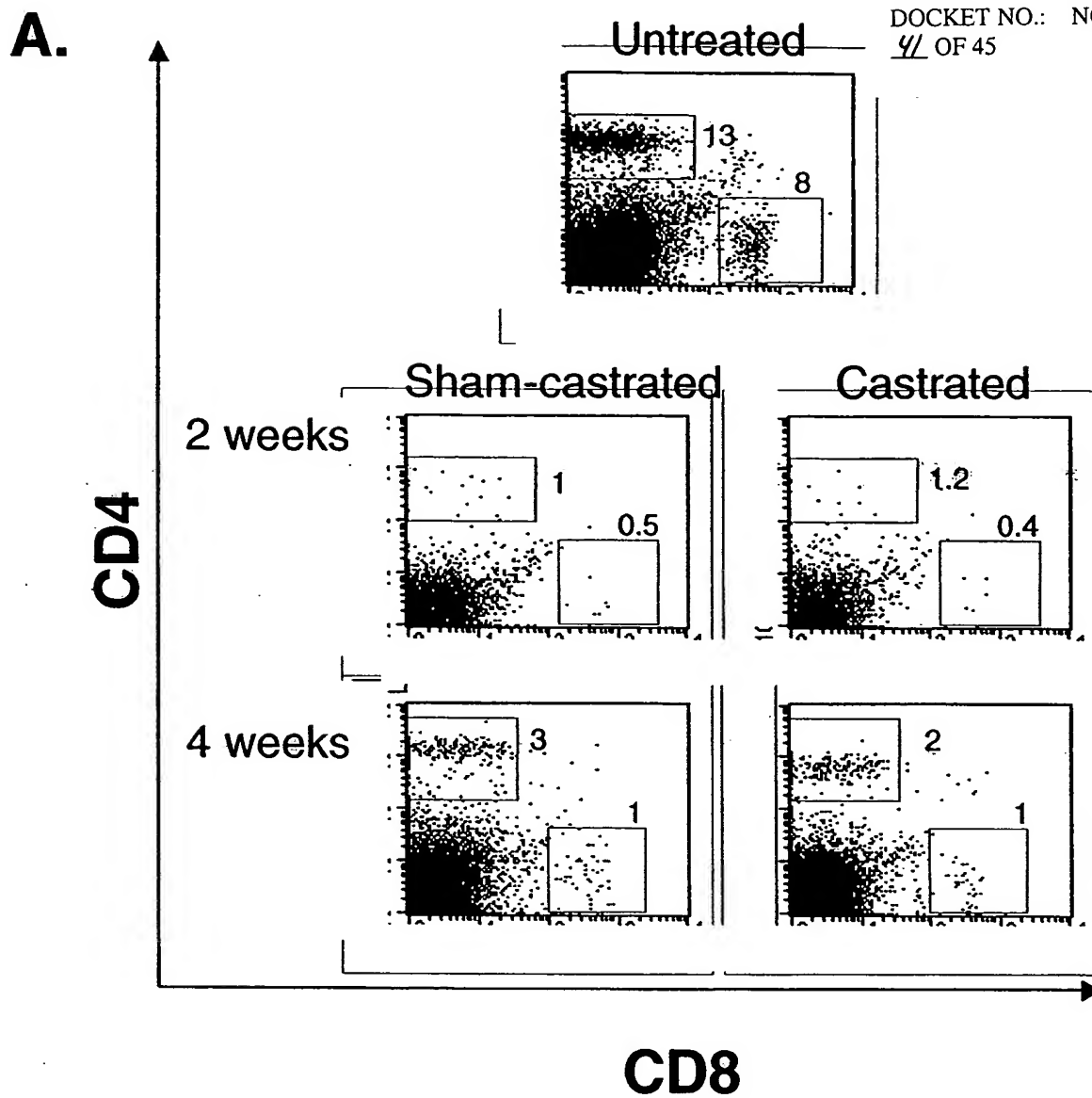


**D.**

**CD8 Single Positive**



**Figure 37**



**B.**

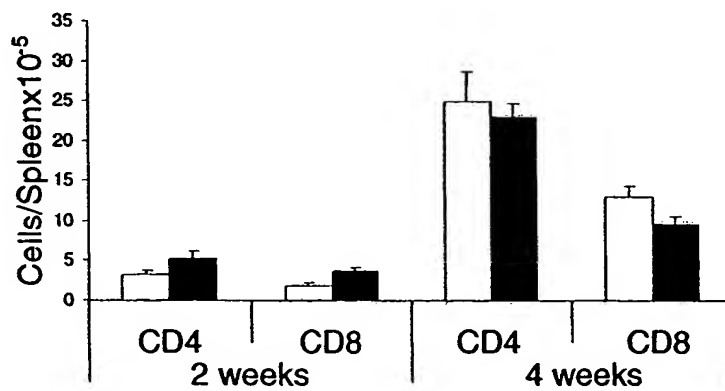
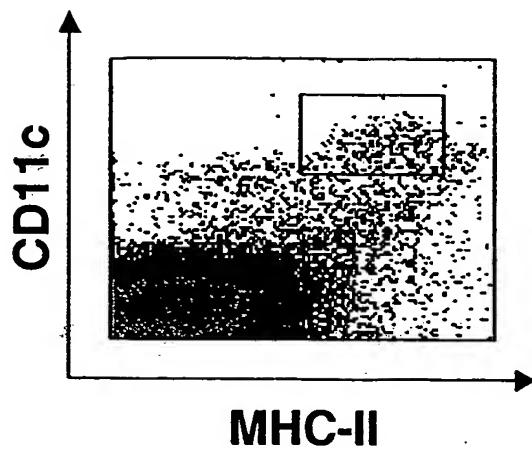
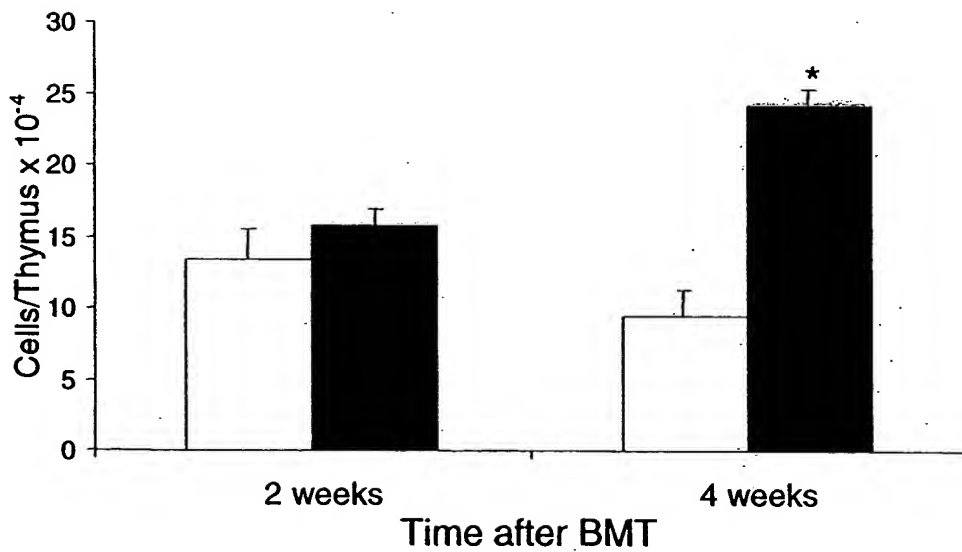


Figure 38

**A.**



**B.**



**Figure 39**

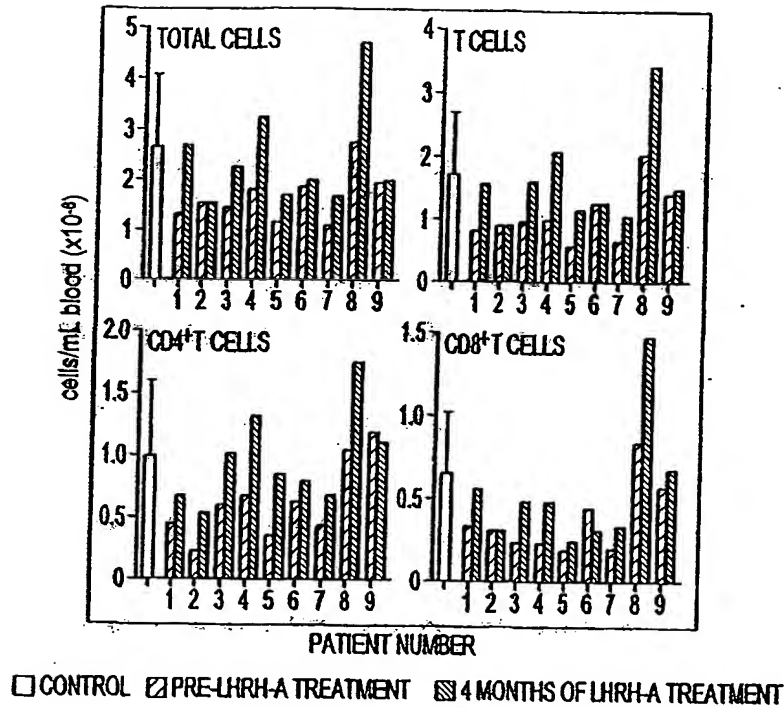


Figure 40

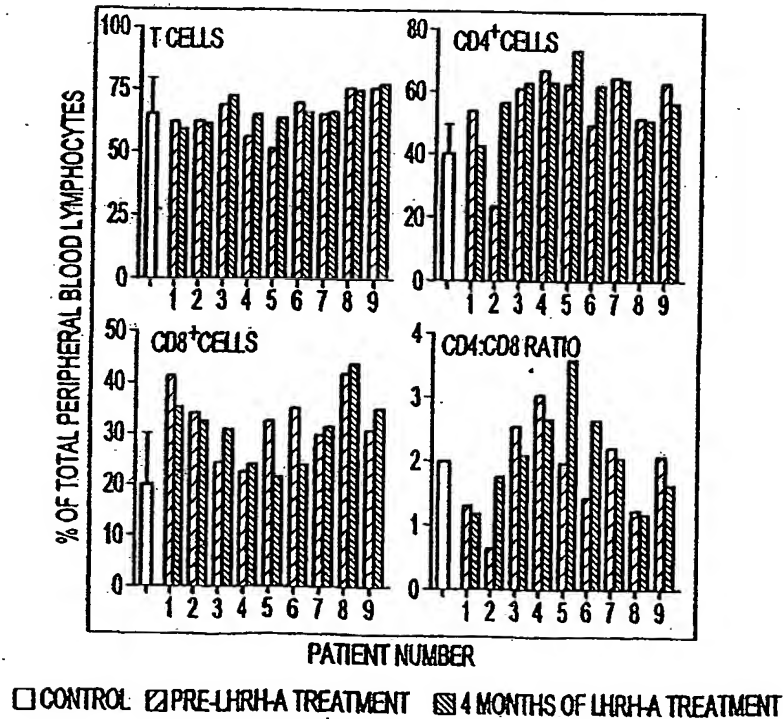


Figure 41

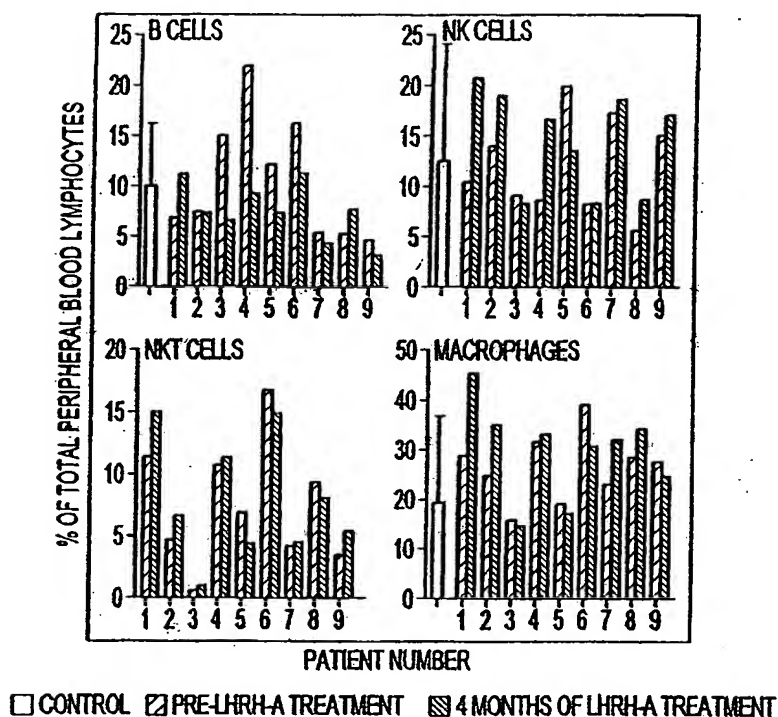


Figure 42

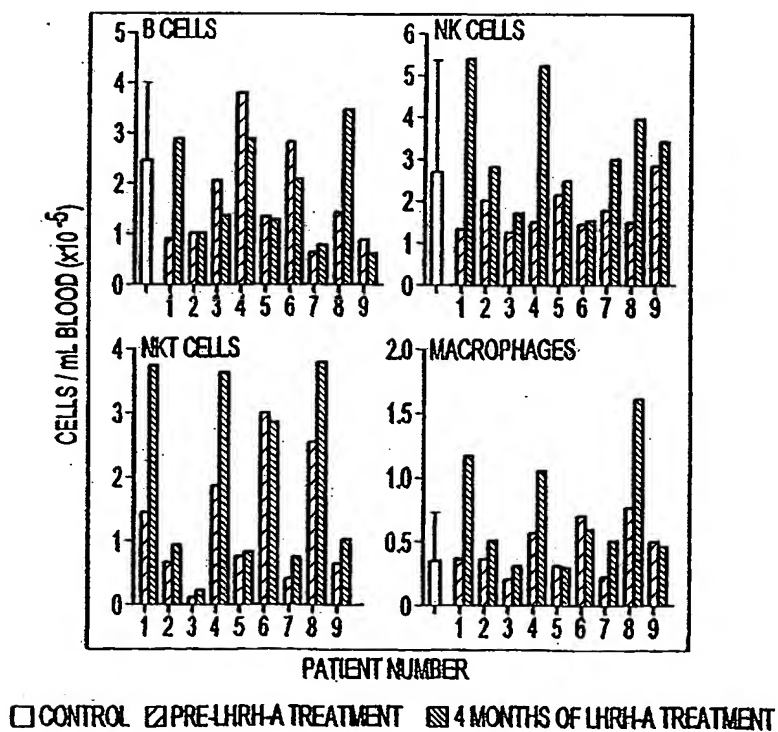


Figure 43

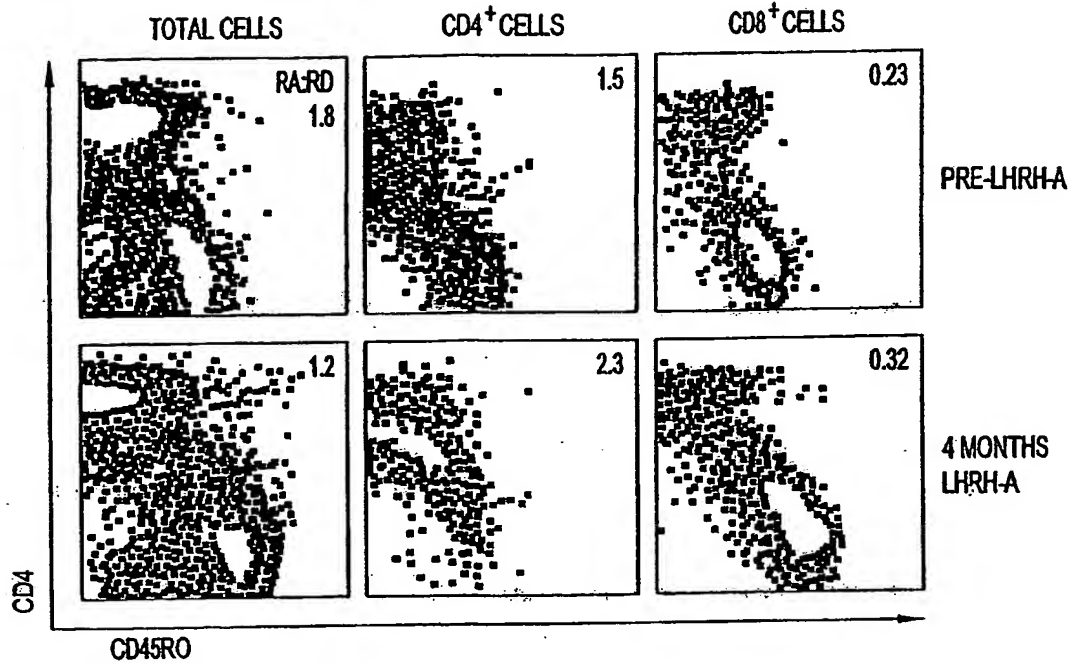


Figure 44A

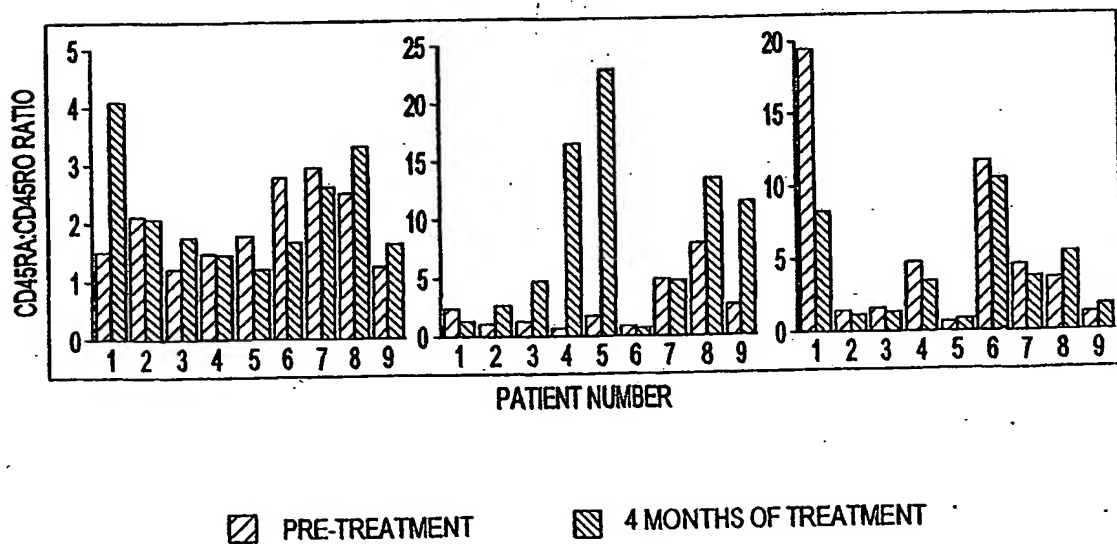


Figure 44B